



LEMMINGS, THE NEXT GENERATION.



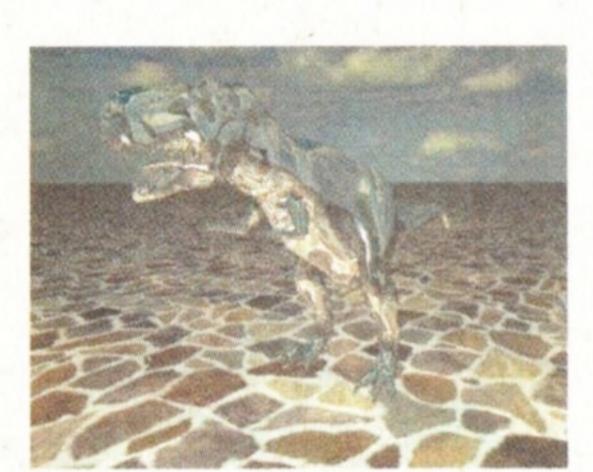
d this time they fight back.

PC. Amiga



ISSUE 67 II JANUARY 1995 FOR STATE OF THE S

AMIGA NEWS



One of the stunning 3D images wowing the punters at the Computer '94 Show in Cologne, Germany.

Report from the Computer '94 Show

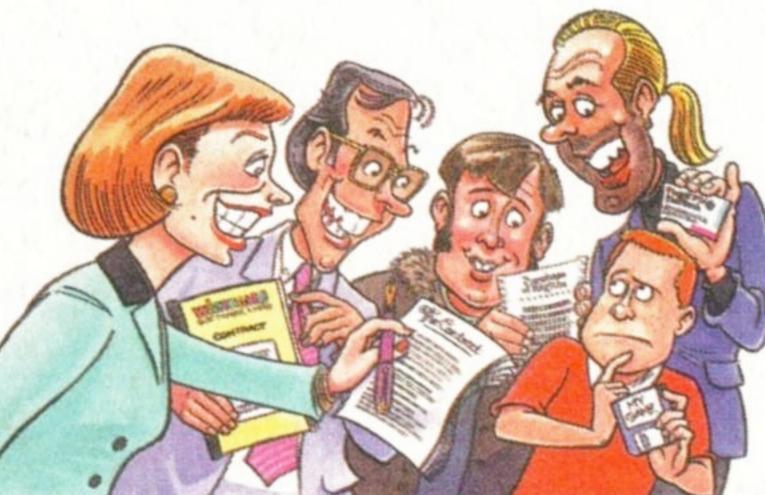
Graeme Sandiford mingles with 25,000 like-minded computer buffs. And lives to tell the tale.

MAIN FEATURE

How to get your game published p34

Everyone has a game inside them. (Or was that a book?) Anyway, we tell you how to make money from your creation.

Don't miss your chance to win up to £1,000 in our AMOS Progame-writing competition.



SERIOUSLY AMIGA

Photogenics
Yet another paint package for the Amiga? Yes, but Nick Veitch discovers that there's more to *Photogenics* than it first appears.

V-Lab Motion

This video capture and playback card from MacroSystems is a revolutionary piece of hardware, but is it great?

Wordworth 3.1SE

A special edition of the original designed with the A1200 in mind.

Mo-Miga
Do you need more storage space? Nick Veitch takes a look at this new

external magneto optical drive.

CD software 114

In our last issue we had a round-up of CDs and their accompanying hardware. Now we have yet more CDs for you to try out.

Aura
Jason Holborn investigates this 12-bit sampling cartridge for the A600 and A1200.

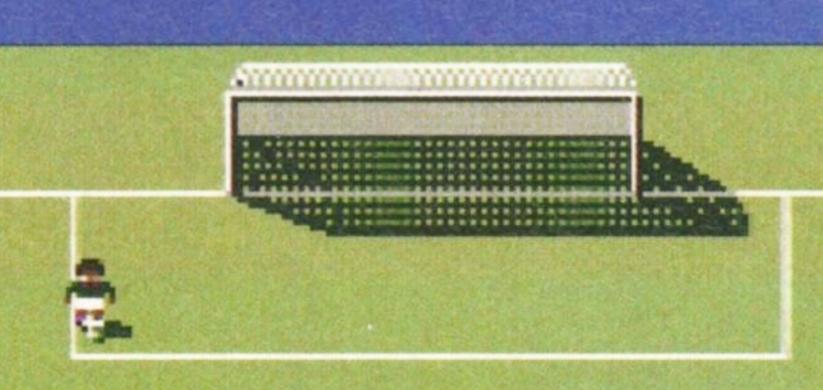
Lola L1500
124
Genlocks have never looked so good. Lola's L1500 is no exception.

Stocking fillers

If you're stuck for a Christmas gift for the Amiga lover in your life,

Jason Holborn has found some of the best stocking fillers around.

Page 47 PLAY



The Amiga Format team take on the rest of the world in Sensible World of Soccer.

Every new Amiga game reviewed and rated!



Sensible World Of Soccer
Jungle Strike
Adventure Compilation
Subwar 2025
Marvin's Marvellous
Adventure
Power Drive
Theme Park 500
Charlie J Cool
Rise Of The Robots

Football Glory



Theme Park 500 (left) is a non-AGA
version of the original Theme Park but
now there are less rides and only
youngsters attend the attractions.
Their Finest Hour (above) may not be the
most stunningly pretty game around but
it wins a Format Gold for playability.

58 CD³²'s 77 58 Re-Releases 83 70 GameBusters 89 72 Helping Hand 89 Write your own utilities, demos and even games with this powerful programming language. Then turn to page 41 for the chance to win up to £1,000 in our *AMOS Pro* competition.

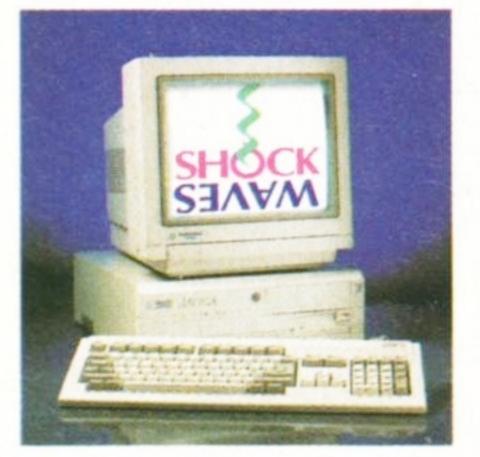


COVERDISK B: ALL TERRAIN RACING & SENSIBLE WORLD OF SOCCER

p15 &16

Race around on our special one-player *ATR* demo, then play probably the best football game in the world.





WELLA SHOCKWAVES COMPETITION

Help design Shockwaves Express and win yourself an A4000!

TUTORIALS

DTP Tutorial
Richard Jones shares his extensive knowledge of newspaper design

Richard Jones shares his extensive knowledge of newspaper design and shows you how to produce a newsletter.

Paint Tutorial

The last in our series of paint tutorials deals with perspective.

178

OctaMED 182

Add effects to your tunes with Ed Wiles and OctaMED.



3 DISK ISSUE

COVERDISK C: THE LION KING

best for your Amiga

p16

Another Disney film has been turned into an Amiga game. And boy does it look good! Turn to page 16 to find out all about it.

AF OFFERS

Amiga Format Presents	20
Subscriptions	44
Back Issues	158
Reader's Offers	162
Books	172

REGULARS

Month In View	6
Coverdisk Extra	18
Jeff Walker Column	25
Tim Smith Column	28
Public Domain	149
Workbench	167
Comms	187
3D Graphics	185
Letters	189
Gallery	194
Next Month	201
Advertisers' Index	202



More people read Amiga Format than any other Amiga magazine on the planet!

Welcome to *Amiga Format*. By choosing this magazine you have just made a very wise decision: this is the world's most popular Amiga magazine. And that means more Amiga users know us, trust us and choose to read us than anyone else.

Why? Because *Amiga Format*'s readers know they can trust our judgment and buying recommendations. Because we thoroughly test products, for one thing, and because we're not afraid to tell the truth. No matter how harsh it may be.

The proof? Commodore itself regularly chooses *Amiga Format* to prepare special editions of the magazine to be bundled with its machines. And surveys have consistently

shown that retailers trust *Amiga Format's* reviews above any other magazine.

So you know you can read *Amiga Format* with confidence. Welcome to the world's biggest community of Amiga users!

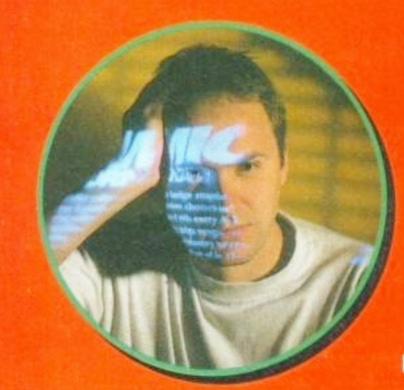
Steve Jarratt, Editor





THE MORLO'S SESTI SELLING AMIGA HAGASIN





Inis year n way

Steve Jarratt looks back over 1994 - and bids farewell to one of the most tumultuous years in the history of Commodore and the Amiga.

s the giant 1994 logo sets slowly behind the pile of rubble that was last year, I thought it time to take a sideways glance at the previous 12 months of the Amiga and Amiga Format...

1994 was a funny old year. It started (as most years do) in January. The first signs of all's-not-

rightness appeared when Dave

Roberts wrote "Commodore has just announced another set of poor financial figures showing a whopping great loss. But the firm did predict the loss and insist that they will be back in the black for the quarter just

ended." Oh will they?

Come February, Commodore were still bullish and a bit cocky: the big C placed a CD32 ad right next to Sega's HQ in London, reading "To be this

> good will take Sega ages." A jolly wheeze, but one couldn't help but feel that the billion Yen corporation were hardly quaking in their boots. However,

things still looked rosy with the news that 160,000 A1200s were sold over the Christmas period, while 70,000 CD³²s were filling Xmas stockings.

Commodore's downward spiral continued in March with the news that Commodore Australia had gone into liquidation on February 11. A \$40 million turnover could do nothing to prevent the down-under company going belly-up. Oddly, we stated that "all of Commodore's business in Australia will now be administered directly from the Asian subsidiary, which is based in the United States Of America." Naturally, if you want to run a company in India, you base it in the US.

As a cold Spring gave way to an equally cold Summer, May's issue of AF boasted the first pictures of Commodore's CD1200 - the longawaited CD-ROM drive for the A1200. The big C unveiled their disc-spinner at the CeBIT '94 show, and we reported that "Commodore in the UK had tried to scotch rumours of such a device for several months, claiming that it wouldn't be economically viable." And it still hasn't appeared.

After several weeks of to-ing and fro-ing, editor Marcus Dyson decides to vacate the hotseat for a cushy number at Team 17. But no sooner had I settled into the executive swivel chair than June busted out all over! Top story this month is that Commodore US has gone into liquidation, and that the company - lock, stock and Amigas - is up for sale. But to whom? Top of the rumour mill are Amstrad, Hewlett Packard, Sony, Samsung, Nintendo and even Sam Tramiel!

Understatement of the month is from joint MD of Commodore, Colin Proudfoot, who states that "we have a cash-flow problem." The truth is that in 1993 Commodore lost \$356.5 million worldwide! However, Proudfoot goes on record as saying, "There should be no impact in the UK marketplace. The brand is too strong to die: we're confident that Commodore will come out of this a better, stronger company." The take-over should be over in about a month. Or so they reckoned.

system arrived as well - just as all manufacturing in the Philippines ceased.

In July, while Commodore hummed and hawed about releasing the CD1200, Indi Direct stole a march on everyone with their Zappo CD-ROM drive. Not only does it free the trapdoor expansion slot by using the PCMCIA slot, but it can also play CD32 titles by software emulation of the CD³²'s Akiko chip. It sells like warm buns.

August signalled the fifth birthday of Amiga Format. And the old crock still managed to scoop everyone else to reviews of the new Zappo CD-ROM drive and Microbotics' SX-1 expansion unit which turns your CD³² into an A1200.

A new factor enters the Commodore equation in the shape of a management buy-out. The team, headed by David Pleasance, Colin Proudfoot and some of the US execs, look for an investor to stump up the necessary readies to prise Commodore from those who might use the Amiga's technology and not the brand. By all accounts, the MBO should only take a month or so to complete.

It's September and, surprise, surprise, the Commodore debacle is still dragging on. Latest news is that the red and blue 'chickenhead' symbol is to be no more. The management buy-out will rely on the name Amiga and ditch the ill-fated Commodore legend and logo.

A deadline for the MBO has been set in order to give the new company time to ramp up production before Christmas. So it'll all be sorted in a couple of weeks. Then.

The nights start drawing in and October happens - which, sadly, can't be said of the buyout of Commodore. The MBO remains odds-on favourite to succeed and the new company will be called Amiga International. Or something.

Dave Pleasance makes a guest appearance at the Future Entertainment Show and tells all how the MBO will soon be sorted (though not in time to get A1200s in the shops by Christmas) and that the future of the Amiga lies in RISC technology.

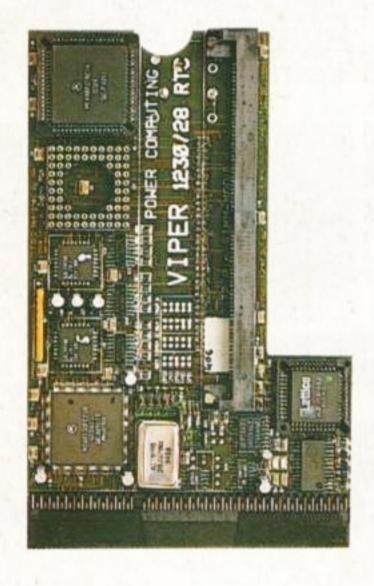
November appeared, as it always does at this time of year, and still no sign of any resolution to the Amiga's troubles. CEI (Creative Equipment International) of Miami make their presence felt in the last-minute bidding for the rights to the Amiga technology (see news story this issue). Most people now believe it's a two-horse race between CEI and the MBO. We wait with bated breath.

Actually, December hasn't happened for me yet, so it's a little difficult to comment on it. I guess all that remains is for me to wish you all a very happy Christmas, and to hope that Santa brings you loads of cool gear. Now if anyone wants to send me an A4000 with a Warp Engine and a copy of Lightwave...





VIPER 68030 SERIES



VIPER FEATURES

- RAM Upgradable to 128MB*
- Full Kickstart remapping**
- Optional SCSI-II adaptor
- 68882 Maths Co-processor
- On-board battery backed clock
- Instruction & Data burst modes
- Much faster than an Amiga 4000/040***



*Only on Viper 33/40 **Only on Viper 28/40 ***Only on Viper 33/40

VIPER 28

EC 030 at 28MHz, FPU upto 50MHz

BARE BOARD	£109.95
4MB VIPER BOARD	£239.95
8MB VIPER BOARD	£399.95

VIPER 28 MMU

Full 030 with MMU at 28MHz, FPU upto 50MHz

BARE BOARD	£129.95
4MB VIPER BOARD	£269.95
8MB VIPER BOARD	£429.95



VIPER 40

Full 030 at 33MHz (clocked to 42MHz), FPU upto 50MHz

BARE BOARD	£179.95
4MB VIPER BOARD	£319.95
OMB VIDER BOARD	2470 OF

CO-PROCESSORS

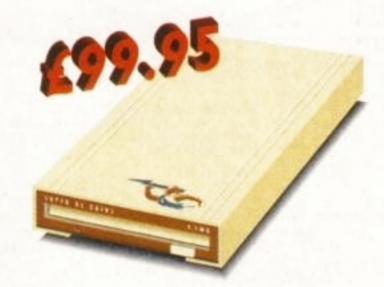
28MHz FPU	£25
33MHz FPU	£60
40MHz FPU	£80
50MHz FPU	£110
SCSI-II ADAPTOR	£79
4MB SIMM	£139.95
8MB SIMM	£299.95



XL DRIVE 1.76MB

The new XL Drive 1.76MB now comes in a brand new metal casing which is half the height of a standard external floppy drive. The XL Drive allows you to store a massive 1.76MB on a high density disk. The A4000 internal drive fits perfectly underneath the original drive, no case cutting required.

XL DRIVE 1.76MB £59.95 XL DRIVE INTERNAL £55.95 XL DRIVE A4000 INT. £55.95



SUPER XL DRIVE

The Super XL Drive is the only kind of floppy drive of its kind on the Amiga market! The innovative drive can store a massive 3.5MB on one high density floppy disk. (without compressing the file!). This drive is available from late November/early December.



SUPER XL DRIVE 3.5MB £99.95 SUPER XL DRIVE INT.



INTERNAL DRIVES

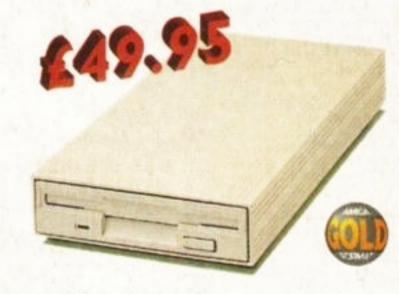
We use the same drive mechanisms as Commodore to ensure complete compatibilty.

PC881 A500 INTERNAL £30.95 PC882 A2000 INTERNAL £30.95 PC883 A600/1200 INT. £35.95

ECONOMY DRIVE

The Economy drive comes with anti-click.

PC880E ECONOMY £39.95



POWER DRIVES

The Power Drive is most impressive drive of its kind on the market and now includes Blitz Amiga and Floppy Expander. Floppy Expander allows you to compress files only on floppy disks by up to 50%. Other features include: Anti-click, Anti-Virus, Isolation Switch, 2 Year Guarantee, Thru'port, Cyclone Compatible Chip, Built-in Backup Hardware and Blitz Compatible.

POWER DRIVE £49.95

AWARD winning PRODUCTS

44a/b Stanley St. Bedford MK41 7RW



telephone 0234 273000

facsimile 0234 352207

Cheques payable to Power Computing Ltd Name

Address

Postcode

System owned Description Cheque/PO for £ allow upto 7 days to clear Credit card No.

Sign

Telephone

Expiry date

All prices include VAT. Specifications and prices are subject to change without notice, all trademarks are acknowledged. Prices are valid for month of publication only, E & OE. Delivery next day £5 2-3 days £2.50 Saturday £10. Deliveries are subject to stock availability.



FIFA INT'L SOCCER 23.49



THEME PARK 23.99

ENEMY UNKNOWN



7.99 OR 11.99 CD32



19.99



ARCADE POOL SENSIBLE WORLD OF SOCCER SUPER STARDUST 18.99 A1200 OR CD32



25.99



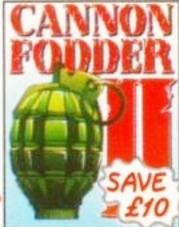
BEAU JOLLY COMP RISE OF THE ROBOTS TOWER ASSAULT 27.49 OR 25.99 A1200 14.99 OR 19.99 CD32



CHAMP MGR COLL 13.99



THE SETTLERS UFO 16.99 23.99 A1200 19.99 CD32



CANNON FODDER 2 PREM MGR 2 PREM MGR 3 MONKEY ISLAND 2 19.99



16.99



12.99



SPACE LEGENDS 11.99



SPORTS MASTERS BANSHEE 18.49 A1200 18.99 CD32 13.99



23.99 A1200





BUARDIAN 8.49 CD32



CANNON FODDER 21.99 CD32



8.99

18.99 CD32

NICK FALDO'S GOLF 14.99



SIMON THE SORCERER 23.99 CD32

AMIGA CD32 CD's

A.T.R. (TEAM 17) • 20.9



PIRATES GOLD 15.99 CD32



23.99 CD32



FIELDS OF GLORY BENEATH A STEEL SKY 20.99 CD32



21.99 CD32

тне повотя 49 срз2	18
will not work on a Plus, A600 or A12 will not work on	200

NOP	=	will not work on A500
		Plus, A600 or A1200
		will not work on A1200
1 MB		requires 1 MB of RAM
	=	NEW Item

	_		_	_	_	_	
A1	20	Λ.	-	а.			•
	4.0		• 7		100		-
	_	_		_			

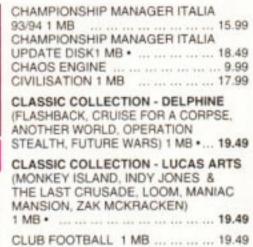
A1:	200	G	ΑW	ES	,
ALADDIN					20
ALFRED CHI	CKEN				17
ALIEN BREE	D2 .				18
BANSHEE					
BODY BLOW	IS				11
SODY BLOW SODY BLOW	S GAL	ACTI	0		1.5
RUTAL FO	OTRALI	DEI	LIXE		15
APTIVE 2 -					
CIVILISATIO					
CETOOLE	NAGA	***	100 010	****	2
DETROIT					
REAMWEB					
SUNGEON N	MASTER	42.			2
FIELDS OF C		++ +++		*** ***	18
FIELDS OF C	SLORY	***		*** ***	23
FOOTBALL (GLORY	141		*** ***	20
HEIMDALL 2	- BANE	OF	ASG/	ARD	2
MPOSSIBLE	MISSI	ON.			2
IMPOSSIBLE ISHAR 2 - LE	GIONS	OF	CHAC	S	1
JAMES PON	D COLL	ECT	ION		
JAMES PON	ND 2 & 3	3)			13
JUNGLE STE	RIKE .				15
KICK OFF 3	755E				19
LION KING					2
MIGHTY MA	Y				1
MIGHTY MAX ON THE BAL	HAR	D DE	HVE (VIIAC	
- LEAGUE EI					
- WORLD CL					
PGA EUROP					
PREMIER M					
RISE OF THE					
SABRE TEAL	M				1
SIM CITY 20					
SIMON THE					
SIMON THE					
SKELETON I					
SOCCER KIL)		*** ***	***	1
STAR TREK					
(HARD DRIV	E ONL'	٧)			2
SUB WAR 20					
SUPER STA	RDUST				1
TFX					
THEME PAR	K				2
TOP GEAR 2	/ ME	G)		****	-
UFO - ENEM	C LINIE	NOW	B.I		2
WEMBLEY -					
MEMBREA -	IN LIAT	300	CEN	444 499	'
AMI	GA	G	ΔN	IES	3
	CIA	9	alli	1	4
A-TRAIN 1 M	B				
A-TRAIN 1 M A-TRAIN + C	ONST.	SET	1 MB	*** ***	1
A.T.R. (TEAM	M 17) 1	MB .		***	1
A10 TANK K					
ALIEN 3					
T THE BUT T WELL TO					

TFX	GOAL
AMIGA GAMES	HEIMDALL 2 1 MB
A-TRAIN 1 MB •	HIRED GUNS 1 MB
ALIEN BREED 2 1 MB	INTN'L RUGBY CHALLENGE
AWARD WINNERS 3 1 MB CIVILISATION, ELITE 2, LEMMINGS • 20.99	JURASSIC PARK 1 MB
AWARD WINNERS GOLD 1 MB SENSIBLE SOCCER, ELITE, JIMMY WHITES SNOOKER, ZOOL 20.99	KGB
BADDIEL & SKINNER 1 MB • 21.99	KINGS QUEST 5 1 MB 14.49
BEAU JOLLY COMPILATION (CANNON FODDER, SETTLERS, CHAOS ENGINE, T2) 1 MB	KINGS QUEST 6 1 MB
BENEATH A STEEL SKY 1 MB. 22.99 BENEFACTOR	LEISURE SUIT LARRY 1 1 MB 11.49 LEISURE SUIT LARRY 3 1 MB 12.49 LEMMINGS 2
BODY BLOWS 1 MB	REQUIRED) 1 MB
BUBBA 'N' STIX	LURE OF THE TEMPTRESS 1 MB 11.49 MANCHESTER UNITED
BURNTIME •	MAN UTD PREMIER LEAGUE CHAMPIONS 1 MB
CANNON FODDER 1 MB	DATA DISK 1 MB

CANNON FODDER 2 1 MB

CHAMP MANAGER 93/94 1 MB 9.99

CHAMPIONSHIP MANAGER 93/94



	STEALTH, FUTURE WARS) 1 MB • 19.4
.49 .99 .99	CLASSIC COLLECTION - LUCAS ARTS (MONKEY ISLAND, INDY JONES & THE LAST CRUSADE, LOOM, MANIAC MANSION, ZAK MCKRACKEN) 1 MB •
.99	CLUB FOOTBALL 1 MB
.99 .49 .99	COMBAT CLASSICS 2 (SILENT SERVICE 2, F19 STEALTH FIGHTER, PACIFIC ISLAND) 1 MB 20.9
.49 .99 .49	COMBAT CLASSICS 3 (HISTORYLINE, CAMPAIGN, GUNSHIP 2000) 1 MB •
.99 .99 .99	COOL SPOT
.99	D-DAY (IMPRESSIONS) 1 MB
.99 .49	DOGFIGHT 1 MB 12.9 DRAGONSTONE 18.9 DREAMWEB 1 MB 22.9
1.99	DUNE 1 MB
.49	ELITE
49	ELITE 2 (FRONTIER) 1 MB 14.9
.99	EMBRYO •
.99	EYE OF THE BEHOLDER 2 1 MB 12.4
.99	F1 (DOMARK) 1 MB
.99	F117A STEALTH FIGHTER 2 1 MB 12.9
.99	FIELDS OF GLORY 1 MB 23.4
.99	FIFA INTN'L SOCCER 1 MB 23.4
.49	FOOTBALL GLORY 1 MB • 18.9 FOOTBALL MASTERS (ESP) 1 MB •18.9
.99	FORMULA 1 GRAND PRIX
.49	
.99	FORMULA 1 MASTERS 1 MB · 18.9
.99	GOAL 8.9
.49	GRAHAM GOOCH - TEST MATCH
.99	SPECIAL 1 MB
.49	GUNSHIP 2000 1 MB 14.9
	HEART OF CHINA 1 MB
	HEIMDALL 2 1 MB
_	HEROQUEST 2 1 MB
99	HIRED GUNS 1 MB

49	ELITE 2 (FRONTIER) 1 MB 14.99
99	EMBRYO •
99	EYE OF THE BEHOLDER 1 MB 12.49
	EYE OF THE BEHOLDER 2 1 MB 12.49
99	F1 (DOMARK) 1 MB
99	F117A STEALTH FIGHTER 2 1 MB 12.99
99	FIELDS OF GLORY 1 MB
99	FIFA INTN'L SOCCER 1 MB
99	FOOTBALL GLORY 1 MB •
49	FOOTBALL GLORY 1 MB * 18.99
	FOOTBALL MASTERS (ESP) 1 MB •18.99
99	FORMULA 1 GRAND PRIX 13.49
49	FORMULA 1 - WORLD CHAMP
99	EDITION •
99	FORMULA 1 MASTERS 1 MB · 18.99
99	GOAL 8.99
49	GRAHAM GOOCH - TEST MATCH
99	SPECIAL 1 MB
49	GUNSHIP 2000 1 MB 14.99
70	HEART OF CHINA 1 MB 12.99
	HEIMDALL 2 1 MB
	HEROQUEST 2 1 MB
99	HIRED GUNS 1 MB
	HISTORYLINE 1914-18 1 MB 21.99
99	HOOK 6.99
49	HUNTER (NO12)
99	IMPOSSIBLE MISSION 1 MB 20.49
99	INDIANA JONES FATE OF
49	ATLANTIS ADVENTURE 1 MB 24.49
49	INTN'L RUGBY CHALLENGE 9.99
99	ISHAR 2 1 MB
99	ISHAR 3 1 MB
99	JET STRIKE 16.99
99	JOHN MADDEN'S (U.S) FOOTBALL 10.49
49	JUNGLE STRIKE 1 MB 18.49
	JURASSIC PARK 1 MB 11.99
99	K240 (UTOPIA 2) 1 MB
00	KGB
	KICK OFF 3
	VID CUACC 17.00
99	KID CHAOS 17.99 KINGMAKER 1 MB 21.99
99	KINGS QUEST 5 1 MB
99	KINGS QUEST 6 1 MB
	KINGS QUEST 6 1 MB 22.99
	KNIGHTS OF THE SKY 1 MB 12.49
99	LASER SQUAD
	LEGENDS OF VALOUR 1 MB (NO12) 11.99
99	LEISURE SUIT LARRY 1 1 MB 11.49
49	LEISURE SUIT LARRY 3 1 MB 12.49
49	LEMMINGS 2
99	LINKS - (GOLF) (HARD DRIVE
99	REQUIRED) 1 MB
49	REQUIRED) 1 MB
99	LORDS OF THE REALM 1 MB 21.49
99	LOTUS 3 1 MB (NO12)
99	LURE OF THE TEMPTRESS 1 MB 11.49
99	MANCHESTER UNITED 6.99
99	MAN UTD PREMIER LEAGUE
99	CHAMPIONS 1 MB 18.99

MONOPOLY 18.49

MORTAL KOMBAT 1 MB 20.49

ON THE BALL - LEAGUE EDITION 1 MB
OVERDRIVE 1 MB 6.99 OVERLORD 1 MB 20.99 PATRICIAN 1 MB 20.99 PGA EUROPEAN TOUR 1 MB 18.49 PGA TOUR GOLF 11.49
PINBALL DOUBLE PACK 1 MB PINBALL DREAMS & FANTASIES 17.49
PINBALL DREAMS 1 MB
SENSIBLE SOCCER -92/93 SEASON
SENSIBLE WORLD OF SOCCER 1 MB 19.99 SETTLERS
SIM CLASSICS 3 IN 1 (SIM CITY CLASSIC, SIM LIFE, SIM ANT) 1 MB
SIMON THE SORCERER (1 MEG) 21.99 SIMON THE SORCERER 2 1 MB 21.99 SKID MARKS 1 MB 13.99 SKID MARKS DATA DISK 1 MB 13.99 SLEEPWALKER 8.99 SOCCER KID 9.99
SPACE LEGENDS (WING COMMANDER, MEGATRAVELLER, ELITE) 1 MB 11.99
SPACE QUEST 4 1 MB 12.99 SPECIAL FORCES 1 MB 8.99 SPEEDBALL 1 & 2 9.99
SPORTS MASTERS (PGA GOLF, INDY 500, ADVANTAGE TENNIS, EURO CHAMP'S 1992) 1 MB13.99
STABLE MASTERS (ESP) 1 MB • 18.99 STARLORD 1 MB 22.99 STREETFIGHTER 2 11.49 SUBURBAN COMMANDO 9.99 SUPER FROG 1 MB 16.99 SUPER SKIDS SKIDMARKS + EXTRA CARS & TRACKS) 1 MB 20.49 SWIV (NOP) 2.99
SYNDICATE 1 MB

SIM ANT) 1 MB	WITH PHINAGE BOOK
SIMON THE SORCERER (1 MEG) 21.99 SIMON THE SORCERER 2 1 MB 21.99 SKID MARKS 1 MB 13.99 SKID MARKS DATA DISK 1 MB 13.99 SLEEPWALKER 8.99 SOCCER KID 9.99	NICK FALDO'S GOLF
SPACE LEGENDS (WING COMMANDER, MEGATRAVELLER, ELITE) 1 MB 11.99	RISE OF THE ROBOTS •
SPACE QUEST 4 1 MB	SEEK & DESTROY
SPORTS MASTERS (PGA GOLF, INDY 500, ADVANTAGE TENNIS, EURO CHAMP'S 1992) 1 MB13.99	SKELETON KREW 21.99 SOCCER KID 19.99 SPEEDBALL 2 • 13.49 STRIKER 12.99
STABLE MASTERS (ESP) 1 MB • 18.99 STARLORD 1 MB	SUB WAR 2050 • 20.99 SUPER FROG 11.99 SUPER LOOPZ 19.99 SUPER STARDUST 18.99 TOP GEAR 2 18.99 TRIVIAL PURSUIT 10.99 UFO - ENEMY UNKNOWN 19.99
TRACKS) 1 MB	ULTIMATE BODY BLOWS (BODY BLOWS & GALACTIC)
THE GREATEST (JIMMY WHITES, LURE OF THE TEMPTRESS, DUNE) 1 MB	ZOOL
THEME PARK 1 MB	SPECIAL RESERVE TOP 10 FILMS
UNIVERSE 1 MB	APOCALYPSE NOW (18)

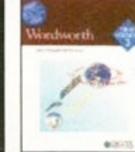
a l	ALIEN BREED - TOWER ASSAULT	19.99
9	ALIEN BREED S/E & QWAK	17.99
3	ARABIAN NIGHTS (AGA)	11.99
9	ARCADE POOL	11.99
9	BADDIEL & SKINNER	21.99
9	BANSHEE	
9	BATTI ECUECO	10.00
	BATTLECHESS	19.99
	BENEATH A STEEL SKY	21.99
9	BRUTAL FOOTBALL	19.49
	BUBBA 'N' STIX	12.99
9	BUBBLE AND SQUEAK	19.99
9	CANNON FODDER	21.99
9	CAPTIVE 2 - LIBERATION	22.99
9	CD EXCHANGE (VOLUME 1).	
	COMPILATION OF SHAREWARE	
9	AND PUBLIC DOMAIN SOFTWARE.	14 99
9	CHAOS ENGINE	17.00
	CHUCK ROCK 2	10.00
9	CHOCK HOUR Z	10.99
9	D/GENERATION	17.99
9	DISPOSABLE HERO	13.99
9	DIZZY - THE BIG SIX	
9	DONK	19.49
9	DRAGONSTONE	18.99
9	DREAMWEB	23.99
9	ELITE 2 (FRONTIER)	14.99
9.	FIELDS OF GLORY	20.99
9	FIRE AND ICE	17 00
9	FURY OF THE FURRIES	16.00
9		
9	GUARDIAN	10.49
9	GUNSHIP 2000 HEIMDALL 2 - BANE OF ASGARD	19.99
9		
9	HUMANS 1 & 2	18.99
9	IMPOSSIBLE MISSION	19,99
	JAMES POND 3	22.99
9	JUNGLE STRIKE	
9	KICK OFF 3	
	KID CHAOS	19.99
9	LABYRINTH OF TIME	19.49
9	LEMMINGS	. 9.99
9	LEMMINGS	18.99
9	LITIL DIVIL	18.99 18.99
9	LITIL DIVIL	. 9.99 18.99 18.99
9 9	LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS	18.99 18.99 19.99
9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE	18.99 18.99 19.99 18.99
9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE	18.99 18.99 19.99 18.99 23.99
9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE	18.99 18.99 19.99 18.99 23.99 32.99
9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK	18.99 18.99 19.99 18.99 23.99 32.99 26.99
9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF	18.99 18.99 19.99 18.99 23.99 32.99 26.99 23.99
9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C	18.99 18.99 19.99 18.99 23.99 32.99 26.99 23.99 19.99
9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99
9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49
9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99
9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 19.49 15.99 19.99
9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99
9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS •	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49
9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2)	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49 13.99
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49 13.99 19.99
9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49 13.99 19.99 18.99
9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 19.99 18.99 17.99
9 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49 13.99 18.99 17.99 17.99
9 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49 13.99 17.99 17.99 17.99 23.99
9 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 17.99 23.99 21.99
9 99 9 99 99 99 99 99 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 17.99 23.99 17.99 21.99 17.99 21.99 19.99
9 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 •	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 17.99 23.49 17.99 17.99 17.99 17.99 17.99 17.99 17.99 17.99 17.99 17.99 17.99 18.99 17.99 18.99 17.99
9 99 99 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 23.49 17.99 23.99 21.99 17.99 23.99 21.99 13.49 12.99
9 99 99 99 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 •	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.99 17.99 23.99 21.99 17.99 23.99 21.99 21.99 20.99
9 99 99 99 99 99 99 99 99 99 99	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 •	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.99 17.99 23.99 21.99 17.99 23.99 21.99 21.99 20.99
9 99 99 99 99 99 99 99 99 99 99 99 99 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS * ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 * STRIKER SUB WAR 2050 * SUPER FROG SUPER LOOPZ	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.49 15.99 17.99 23.49 17.99 17.99 23.99 21.99 17.99 23.99 21.99 11.99 11.99 11.99 11.99
9 99 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER LOOPZ SUPER STARDUST	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 21.99 17.99 21.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99
9 99 99 99 99 99 99 99 99 99 99 99 99 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER STARDUST TOP GEAR 2	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 17.99 17.99 23.49 17.99 23.49 17.99 17.99 23.99 21.99 11.99 11.99 18.99 18.99 18.99 18.99 18.99
9 99 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER STARDUST TOP GEAR 2	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 17.99 17.99 23.49 17.99 23.49 17.99 17.99 23.99 21.99 11.99 11.99 18.99 18.99 18.99 18.99 18.99
9 99 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 21.99 17.99 21.99 18.99 11.99 18.99 11.99 18.99 11.99 18.99 11.99 18.99 11.99 18.99 11.99
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS * ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN'L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 * STRIKER SUB WAR 2050 * SUPER FROG SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 21.99 17.99 21.99 18.99 11.99 18.99 11.99 18.99 11.99 18.99 11.99 18.99 11.99 18.99 11.99
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS * ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN'L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 * STRIKER SUB WAR 2050 * SUPER FROG SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN ULTIMATE BODY BLOWS	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 15.99 17.99 23.49 17.99 17.99 23.49 17.99 17.99 18.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS * ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN'L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 * STRIKER SUB WAR 2050 * SUPER FROG SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 15.99 17.99 23.49 17.99 17.99 23.49 17.99 17.99 18.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99 11.99
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER LOOPZ SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN ULTIMATE BODY BLOWS (BODY BLOWS & GALACTIC)	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 23.99 17.99 18.99 17.99 18.99 19.99 19.99 19.99 19.99
9 99 99 99 99 99 99 99 99 99 99 99 99 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER LOOPZ SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN ULTIMATE BODY BLOWS (BODY BLOWS & GALACTIC) UNIVERSE	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 23.99 17.99 18.99 17.99 18.99 19.99 19.99 19.99 19.99 19.99 19.99 19.99
9 99 99 99 99 99 99 99 99 99 99 99 99 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER LOOPZ SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN ULTIMATE BODY BLOWS (BODY BLOWS & GALACTIC) UNIVERSE VITAL LIGHT	18.99 18.99 19.99 18.99 23.99 26.99 23.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 23.99 17.99 18.99 17.99 18.99 18.99 19.99 19.99 19.99 19.99 19.99 19.99
9 99 99 99 99 99 99 99 99 99 99 99 99 9	LITIL DIVIL. LOTUS TRILOGY (LOTUS 1, 2, 3) MAN UTD PREMIER CHAMPIONS MASTER AXE MEGA RACE MICROCOSM WITH PHRASE BOOK NICK FALDO'S GOLF OVERKILL & LUNER-C PINBALL FANTASIES PINKIE PIRATES GOLD POWERDRIVE PROJECT X S/E & F17 CHALLENGE RISE OF THE ROBOTS • ROBOCOD (JAMES POND 2) SABRE TEAM SECOND SAMURAI SEEK & DESTROY SENSIBLE SOCCER - INTN''L EDITION SIMON THE SORCERER SKELETON KREW SOCCER KID SPEEDBALL 2 • STRIKER SUB WAR 2050 • SUPER FROG SUPER LOOPZ SUPER STARDUST TOP GEAR 2 TRIVIAL PURSUIT UFO - ENEMY UNKNOWN ULTIMATE BODY BLOWS (BODY BLOWS & GALACTIC) UNIVERSE	18.99 18.99 18.99 18.99 23.99 26.99 23.99 19.99 17.99 23.49 13.99 17.99 23.49 17.99 23.49 17.99 23.99 17.99 18.99 17.99 18.99 19.99 18.99 19.99 19.99 19.99 19.99 19.99

DIGITAL VIDEOS

WING COMMANDER 1 1 MB 6.99 WONDERDOG 6.99 WORLD CUP YEAR 94	GHOST (15)
SOCCER) 1 MB 16.99	MANY MORE TITLES ARE AVAILABLE

MANY MORE TITLES ARE AVAILABLE PLEASE PHONE OUR SALES LINES ON 0279 600204 TO ORDER OUR FREE 16 PAGE COLOUR CATALOGUE











A1200 APPLICATIONS

BRILLIANCE V.2 AGA. PREMIER PROFESSIONAL ART PACKAGE. (2 MB, HARD DRIVE REQUIRED)
VISTA PRO (LITE) CREATE SPECTACULAR VIRTUAL WORLDS WITH THIS POWERFUL SCENERY CREATOR AND ANIMATOR. (2 MB, HARD DRIVE REQUIRED) 26.99
WORDWORTH V.2 AGA WORD PUBLISHER (1 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED)
WORDWORTH V.3.1 AGA PREMIER TOP QUALITY WORD PUBLISHER (2 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED) 57.99

AND ANIMATOR. (2 MB, HARD DRIVE REQUIRED) 26.99	DUILL
WORDWORTH V.2 AGA WORD PUBLISHER (1 MB, EXTERNAL DISK	10 OU N/C.
OR HARD DRIVE REQUIRED)	NATIO TARG
(2 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED) 57.99	BUILD OF TH
AMIGA APPLICATIONS	INSTA
AMOS - PROFESSIONAL. POWERFUL GAMES CREATOR	10 OU N/C,
(1 MB, INSTALLABLE)	ADI G ADI G ADI G ADI G ADI J
AMOS - CRAFT. ADD-ON EXTENSION TO AMOS OR AMOS PRO GIVING OVER 160 NEW COMMANDS AND INSTRUCTIONS. (1 MB, INSTALLABLE)	ALVIN SPELL
DATASTORE DATABASE SYSTEM. SIMPLE TO USE, FULLY FEATURED DATABASE SYSTEM (1 MB, INSTALLABLE) •	FUN S FUN S FUN S
DELUXE PAINT 3. VERY POWERFUL ART AND ANIMATION	MICR
PACKAGE WITH EXTENSIVE FEATURES. A BEST SELLER AND A TOP AWARD WINNER. (1 MB, INSTALLABLE)	MICR N/C.
DELUXE PAINT 4.	MICR N/C.
EXTENSIVELY FEATURED. DESIGN, PAINT AND ANIMATE IN UP TO 4096 COLOURS WITH HAM MODE. (1 MB, INSTALLABLE)	MICR
DELUXE PAINT 5. PREMIER ART, DESIGN AND ANIMATION PACKAGE FEATURING FULL 24 BIT TRUE	NODE ADVE
COLOUR RGB EDITING. (2 MB, INSTALLABLE, WORKBENCH 2.04+) •	PAIN'
DISK EXPANDER. A FLEXIBLE AND EASY TO USE DISK DOUBLING SYSTEM. FOR ALL DRIVES INCREASES STORAGE SPACE (1 MB, INSTALLABLE)	COM
FINAL WRITER (RELEASE 3). COMPREHENSIVE WORD PUBLISHING SYSTEM WITH OVER 100 FREE TYPEFACES. (2 MB MINIMUM, 4 MB OR MORE RECOMMENDED, HARD DRIVE REQUIRED) 69.99	A-TRA AMIG AMIG ADVE
HANNA BARBERA ANIMATION WORKSHOP. EXCELLENT ANIMATION PACKAGE CAPABLE OF CREATING CARTOONS AND QUALITY ANIMATIONS. 1 MB	AMIG COME GETT
HOME ACCOUNTS. BEST SELLING MONEY MANAGING PROGRAM.	TOU

WITH OVER 100 FREE TYPEFACES. (2 MB MINIMUM, 4 MB OR MORE RECOMMENDED, HARD DRIVE REQUIRED) 69.99	AMIGA DOS REFERENCE GUIDE (4TH EDITION) 19.99 AMIGA GAMES, HINTS, TIPS, CHEATS AND ADVENTURE SOLUTIONS
HANNA BARBERA ANIMATION WORKSHOP. EXCELLENT ANIMATION PACKAGE CAPABLE OF CREATING CARTOONS AND QUALITY	AMIGA HARD DRIVES INSIDER GUIDE. A COMPREHENSIVE AND THOROUGH GUIDE TO GETTING THE BEST FROM YOUR HARD DRIVE • 12.99
ANIMATIONS, 1 MB	AMOS IN ACTION (A COMPREHENSIVE GUIDE TO USING AMOS WITH EXAMPLES)
HOME ACCOUNTS. BEST SELLING MONEY MANAGING PROGRAM. (INSTALLABLE) UNBELIEVABLE VALUE 2.99	CANNON FODDER OFFICIAL GUIDE • 10.99 CIVILISATION GUIDE BOOK BY SID MEIERS 17.99
KINDWORDS 3. FULLY FEATURED VALUE FOR MONEY WORD PUBLISHER. (1 MB, INSTALLABLE)	CORISH'S COMPUTER GAMES GUIDE (HINTS, TIPS AND POKES FOR OVER 600 COMPUTER GAMES)
MAXIPLAN 4. COMPLETE SPREADSHEET, BUSINESS GRAPHICS AND DATABASE SYSTEM.	EYE OF THE BEHOLDER HINT BOOK 9.99 EYE OF THE BEHOLDER 2 HINT BOOK 9.99
(1 MB, INSTALLABLE)	GUNSHIP 2000 OFFICIAL STRATEGY GUIDE 14.99
MINI OFFICE. WORD PROCESSOR, SPREADSHEET, DATABASE AND DISK UTILITIES. (1 MB, INSTALLABLE) 36.99	INDIANA JONES FATE OF ATLANTIS HINT BOOK. WALKTHROUGH SOLUTION SPECIAL RESERVE CLUB VERSION
MONEY MATTERS (HOME ACCOUNTS 3). 1 MB, INSTALLABLE	MASTERING AMIGA C
PEN PAL. EASY TO USE WORD PROCESSOR.	SECRET OF MONKEY ISLAND 2 HINT BOOK 9.99 SECRET OF MONKEY ISLAND HINT BOOK 9.99
(1 MB, INSTALLABLE)	SECRETS OF FRONTIER (ELITE 2) 9.99
	SIMCITY 2000 OFFICIAL HANDBOOK. A COMPREHENSIVE GUIDE TO SIMCITY 2000 WITH LOTS OF HINTS AND TIPS
DISK OR HARD DRIVE REQUIRED)	SYNDICATE PLAYERS GUIDE • 15.99

	AMIGA EDUCATIONAL	
_	N/C = NATIONAL CURRICULUM	
.99	10 OUT OF 10 - DRIVING TEST (16+). (1 MB, INSTALLABLE) •	19.99
.99	10 OUT OF 10 - EARLY ESSENTIALS (3-7). IDEAL FOUNDATION FOR CHILDREN TO BUILD ON. (1 MB, INSTALLABLE)	19.99
07.0	10 OUT OF 10 - ENGLISH (6-16). N/C. (1 MB, INSTALLABLE)	19.99
.99	10 OUT OF 10 - FRENCH (8-16). NATIONAL CURRICULUM ATTAINMENT TARGETS 3&4. (1 MB, INSTALLABLE)	19.99
.99	10 OUT OF 10 - JUNIOR ESSENTIALS (5-11). BUILDING FOUNDATIONS FOR MANY AREAS OF THE NATIONAL CURRICULUM. (1 MB, INSTALLABLE).	19 99
	10 OUT OF 10 - MATHS NUMBERS (6-16). N/C. (1 MB, INSTALLABLE)	
.99	ADI ENGLISH (11-12) ADI FRENCH (12-13) ADI GCSE ENGLISH PACK (14-16) 1 MB	19.99 19.99 23.99
.99	ADI GCSE FRENCH PACK (14-16) 1 MB	23.99
	ALVINS PUZZLES (6-8). TWO GAMES TEACHING LOGIC, SPELLING AND READING. FREE GAME VOUCHER	15.99
.99	FUN SCHOOL 4 (2-5) FUN SCHOOL 4 (5-7) FUN SCHOOL 4 (7+) FUN SCHOOL SPECIAL - MERLIN'S MATHS (7-11) FUN SCHOOL SPECIAL - SPELLING FAIR (7-13)	17.99 17.99 18.99
	MICRO ENGLISH (8 TO ADULT). N/C 1 MB	
	MICRO FRENCH (8 TO ADULT). N/C. WITH SPEECH 1 MB	19.99
.99	MICRO GERMAN (8 TO ADULT). N/C. WITH SPEECH 1 MB	19.99
	MICRO MATHS (11+). N/C 1 MB	19.99
.99	NODDY'S BIG ADVENTURE (3+) (1 MB, INSTALLABLE) NODDY'S PLAYTIME (3+). EDUCATIONAL ADVENTURE (1 MB, INSTALLABLE)	
.99	PAINT POT 2 (4-10). AN EXCITING AND FUNNY ART PACKAGE. FREE GAME VOUCHER	
	WHICH WHERE WHAT (4-8). ENCHANTING AND	15.99
.99	AMIGA BOOKS	
	A-TRAIN OFFICIAL STRATEGY GUIDE	
	AMIGA DOS REFERENCE GUIDE (4TH EDITION) AMIGA GAMES, HINTS, TIPS, CHEATS AND ADVENTURE SOLUTIONS	19.99
.99	AMIGA HARD DRIVES INSIDER GUIDE. A COMPREHENSIVE AND THOROUGH GUIDE TO	. 5.00

ADVENTURE (1 MB, INSTALLABLE)	
PAINT POT 2 (4-10). AN EXCITING AND FUNNY ART PACKAGE. FREE GAME VOUCHER	
WHICH WHERE WHAT (4-8). ENCHANTING AND COMPELLING GAMES. FREE GAME VOUCHER 15.99	
AMIGA BOOKS	
A-TRAIN OFFICIAL STRATEGY GUIDE	
AMIGA HARD DRIVES INSIDER GUIDE. A COMPREHENSIVE AND THOROUGH GUIDE TO GETTING THE BEST FROM YOUR HARD DRIVE • 12.99	
AMOS IN ACTION (A COMPREHENSIVE GUIDE TO USING AMOS WITH EXAMPLES)	
CANNON FODDER OFFICIAL GUIDE • 10.99 CIVILISATION GUIDE BOOK BY SID MEIERS 17.99 CORISH'S COMPUTER GAMES GUIDE (HINTS, TIPS AND POKES FOR OVER 600 COMPUTER GAMES) 12.99 DUNGEON MASTER HINT BOOK 3.99	
EYE OF THE BEHOLDER HINT BOOK	
GUNSHIP 2000 OFFICIAL STRATEGY GUIDE 14.99	è
INDIANA JONES FATE OF ATLANTIS HINT BOOK. WALKTHROUGH SOLUTION SPECIAL RESERVE CLUB VERSION	
MASTERING AMIGA C	
SECRET OF MONKEY ISLAND 2 HINT BOOK 9.99 SECRET OF MONKEY ISLAND HINT BOOK 9.99	
SECRETS OF FRONTIER (ELITE 2)	



SUPER AMIGA CD SX-1 BUNDLE

ALL THE POWER AND FLEXIBILITY OF AN AMIGA A1200 COMBINED WITH THE CAPABILITIES OF A CD32. COMPRISES

CD32 CD CONSOLE SX-1 EXPANSION MODULE EXTERNAL 3.5" DISK DRIVE KEYBOARD, MOUSE, JOYPAD

PLUS MICROCOSM, CANNON FODDER, LIBERATION. PROJECT X, ULTIMATE BODY BLOWS, OSCAR AND DIGGERS (DOES NOT INCLUDE MOUSE MAT OR MONITOR)

UPGRADEABLE BY ADDING EXTRA 4 MEGABYTES OF RAM FOR SX 1 (119.99) INTERNAL 2.5" HARD DRIVE (A1200 VERSION) . FULL MOTION VIDEO (STD CD32 FMV CART)

SUPER AMIGA CD SX-1 BUNDLE 2/0 ... 480.00

NEW CRITICAL ZONE PACK NEW TECH AT AN OLD TECH PRICE



AMIGA CD32

CD BASED CONSOLE WITH A1200 32-BIT POWER. 262,000 COLOURS FROM A PALLETTE OF 16.7 MILLION. 2 MB RAM, FAST 14 MHz 68020 PROCESSOR, PLAYS AUDIO CD's VIA ON SCREEN DISPLAY AND DIGITAL VIDEO CD's WITH OPTIONAL FMV ADAPTOR.

AMIGA CD-32 CRITICAL ZONE PACK ... 220.00 WITH MICROCOSM, CANNON FODDER, LIBERATION, PROJECT X. ULTIMATE BODY BLOWS, OSCAR, DIGGERS AND ONE PAD



FMV MODULE - STOCKS EXPECTED IN THE NEW YEAR COMMODORE CONTROL

PAD FOR CD-32 13.99 DYNAMICS CONTROL PAD FOR CD-32 (SHOWN) ... 16.99

SX-1 EXPANSION MODULE FOR CD-32 ... 189.99 TRANSFORMS CD-32 INTO A FULLY FUNCTIONAL A1200 COMPATIBLE COMPUTER ALLOWING CONNECTION OF EXTERNAL FLOPPY DRIVE, INTERNAL AND EXTERNAL IDE HARD DRIVE, KEYBOARD, MODEM/SERIAL DEVICES PRINTERS, RGB MONITORS AND UP TO 8 MB MEMORY

KEYBOARD (WHITE) FOR SX-1 4 MB RAM EXPANSION FOR SX-1 OR A4000 119.99 EASY INSTALLATION. SUITS ALL A4000 AND SX-1

PREMIER COMBI CENTRE FOR CD-32 & SX-1 STRONG STAND FOR CD-32 AND SX-1 EXPANSION UNIT ALLOWING A NEAT AND TIDY SYSTEM SETUP. MONITOR STAND AND SLIDING SHELF FOR DISC LOADING. EASY SELF ASSEMBLY



EXTERNAL 3.5" DISK DRIVE FOR ANY AMIGA OR SX-1. SONY/CITIZEN MECHANISM. 880K FORMATTED, QUIET. HIGH QUALITY, SLIM LINE COLOUR MATCHED METAL CASE AND LONG REACH CABLE

INTERNAL 3.5" DISK DRIVE FOR A500 INTERNAL 3.5" DISK DRIVE FOR A600 OR A1200 ... 49.99



SPECIAL

RESERVE

BRITISH MADE

ERROR FREE



PACK OF 10 SPECIAL RESERVE 3.5" DSDD DISKS WITH LABELS & FREE PLASTIC FLIP TOP DISK BOX ...6.99 PACK OF 10 TDK 3.5" DSDD DISKS WITH LABELS8.99 5.99

3.5" DISK HEAD CLEANER HIGH DENSITY DISKS ALSO AT KEENEST PRICES



COMPETITION PRO EXTRA CLEAR BASE MICROSWITCHED WITH AUTOFIRE

9.99

11.99 QUICKSHOT 137F PYTHON WITH AUTOFIRE

TURBO FIRE &

AUTOFIRE

9.99 CHEETAH BUG MICROSWITCHED



SCORPION PLUS ARCADE STYLE WITH TURBO FIRE 10.99

SWIFT TP200 JOYPAD WITH

QUICKSHOT 128F MAVERICK 1 WITH AUTOFIRE 11.99

FREEWHEEL STEERING WHEEL (DIGITAL) SUITS MOST DRIVING GAMES 21.99

MEGAGRIP 2 WITH AUTOFIRE 11.99



BOLLISTICK HANDHELD JOYSTICK MICROSWITCHED WITH **AUTOFIRE**

JOYSTICE

JOYSTICK FOR AMIGA.

29.99

QUICKSHOT SOUNDMATE 4 STEREO

SPEAKERS (PAIR) FOR AMIGA, CD-32

OR PERSONAL STEREO. VOLUME

AND BALANCE, BASS AND TREBLE

STEREO

14.99

BOOST, 4W+4W MUSIC

SCREENBEAT 3

JOYPAD MICROSWITCHED TURBO & AUTOFIRE 13.99 QUICKJOY JET FIGHTER MICROSWITCHED AUTOFIRE 12.99 SLIK STICK

KONIX SPEEDKING ANALOGUE ENABLES PROPORTIONAL CONTROL ON SUITABLE SOFTWARE.

AUTOFIRE 14.99 ALPHA CRYSTAL TRACKBALL. COMPATIBLE WITH ALL MOUSE



17.99

SPEAKERS (PAIR) FOR AMIGA

SCREENBEAT MAINS ADAPTOR

OR SCREENBEAT SPEAKERS

CD32 OR PERSONAL STEREO

QUICKJOY FOOT PEDAL FOR AMIGA OR ST. WORKS IN CONJUNCTION WITH JOYSTICK 14.99

RESOLUTION, 64 SIMULATED DAATASCAN PRO SOFTWARE

LOGIC 3 SUBWOOFER STEREO

SPEAKER CONSOLE FOR AMIGA, CD-32, PC, CDi, 3DO, OR PERSONAL STEREO. 50 WATTS. MAGNETICALLY SHIELDED WITH TONE, BALANCE AND VOLUME CONTROLS. MAINS ADAPTOR SUPPLIED.



QUICKSHOT SOUNDSTOR STEREO SPEAKER CONSOLE FOR AMIGA. CD-32, PC, CDi OFI 3DO. 10 WATTS.

...99.99

SHIELDED WITH BASS, TREBLE, BALANCE, VOLUME CONTROLS. MAINS ADAPTOR SUPPLIED 39.99

TRAP DOOR MEMORY EXPANSION

512K AMIGA RAM NO CLOCK FOR A500 OR A500+ ...19.99

512K AMIGA RAM + CLOCK FOR A500 OR A500+

4 MB + FPU RAM FOR A1200. FAST 33Mhz FLOATING

MB A500 PLUS RAM UPGRADE + CLOCK

4 MB RAM BOARD FOR A1200 WITH CLOCK

POINT MATHS & GRAPHICS ACCELERATION.

22.99

TO HI-FI, AND HI-FI SEPARATES TOGETHER

ROBOSHIFT INTERFACE FOR AMIGA OR ST

CONNECTS 2 JOYSTICKS TO 1 PORT.

(PACK OF TWO) EXTENDS BY 21 CM

FORMULA 1 GRAND PRIX AND VROOM)

PRINTER LEAD (PARALLEL) 1.5 METRES

PRINTER LEAD (PARALLEL) 5 METRES

HI-FI AUDIO LEAD - AMIGA/CD32/ST TO STEREO

JOYSTICK SPLITTER CABLE FOR AMIGA OR ST.

PLUGS MOUSE AND JOYSTICK INTO ONE PORT

PORT EXTENSION ADAPTOR FOR AMIGA OR ST

ALLOWS ANY 15-PIN PC JOYSTICK TO BE USED

WITH GAMES THAT FEATURE ANALOGUE CONTROL

SCART LEAD - AMIGA CD32 TO TV WITH SCART.

SCART LEAD - AMIGA TO TV WITH SCART INPUT

TV LEAD - AMIGA CD-32 TO SVHS TV OR VIDEO.

2 WAY SCART SPLITTER - ENABLES TWO SCART

RGB EXTENDER CABLE FOR A500 OR A500 PLUS

POWER SUPPLY

COMPUTER CARE

CONTROL CENTRES

SOUND SAMPLER

FRAME GRABBER

PROGRAB 24RT COLOUR DIGITISER

24 BIT REAL TIME FRAME GRABBING

SYSTEM. DIGITISES SINGLE FRAMES

SCANNER

ZYDEC HANDY SCANNER FOR ANY

AMIGA, 100-400 DPI HIGH QUALITY

REYSCALES, INCLUDES

TECHNOSOUND TURBO 2 SOUND

SAMPLER. REAL TIME SPECIAL

EFFECTS. WORKS WITH ANY

OR ANIMATIONS FROM VIDEO

SOURCE. SUPPORTS 24 BIT FILE

DUST COVER FOR 80 COLUMN PRINTER (CLEAR).

DUST COVER FOR A500 OR ATARI ST (CLEAR PVC) .

ALLOWS TV MONITOR TO BE EXTENDED FROM

BACK OF MACHINE OR EXTENSION TO RGB

ZYDEC AMIGA POWER SUPPLY (SPECIAL

DUST COVER FOR A1200 (CLEAR PVC)

DUST COVER FOR MONITOR (CLEAR PVC)

PREMIER UNI- CENTRE FOR AMIGA. STRONG

PREMIER UNI- CENTRE PLUS (EXTRA WIDE)...

UNIVERSAL STAND FOR COMPUTER, MONITOR

DUST COVER FOR A600 (CLEAR PVC)

MONITOR OR EXTERNAL DISK DRIVE

COOL RUNNING TRANSFORMER)

LEADS TO BE SWITCHED INTO ONE SOCKET

FOR HEAD TO HEAD PLAYING ON CERTAIN GAMES

SUCH AS POPULOUS, FALCON, KNIGHTS OF THE SKY

NULL MODEM CABLE 25-PIN. (CONNECTS 2 COMPUTERS

ANALOGUE JOYSTICK ADAPTOR FOR AMIGA

(1.5 METRES, 2 X PHONO PLUGS TO 2 X PHONO PLUGS)

CAN ALSO BE USED TO CONNECT STEREO VIDEO

COMPATIBLE WITH OVERDRIVE HARD DRIVES

MB A600 RAM UPGRADE + CLOCK

LEADS

MULTIPLUG EXTENSION

ANTI-SURGE 4 WAY

.23.99

.34.99

.44.99

179.99

.235.99

.3.99

...13.99

.5.99

9.99

.9.99

.9.99

FOR OUR FREE 16-PAGE COLOUR CATALOGUE JUST PHONE 0279 600204 PANASONIC PC CD ROM NOW 117.99 ATARI JAGUAR NOW 179.99

7.99



OVERDRIVE V.3 HIGH SPEED HARD DRIVES FOR A1200 AND A600

THE FASTEST DRIVE EVER REVIEWED BY CU' 3.5" QUALITY IDE HARD DRIVE. AVERAGE ACCESS TIME 12MS. STYLED TO MATCH AMIGA. EASY INSTALLATION - PLUGS INTO PCMCIA SLOT. AQ OOLS AND 1 YEAR WARRANTY (NOW FOR A600 TOO)

OVERDRIVE V.3 170 MB EXTERNAL HARD DRIVE FOR AMIGA A1200 OR A600 OVERDRIVE V.3 420 MB EXTERNAL HARD DRIVE FOR AMIGA A1200 OR A600

INTERNAL HARD DRIVES FOR AMIGA A1200 & A600 HARD DRIVES: HIGH SPEED 2.5" DRIVE, 15 MS ACCESS TIME (APPROX).

1 YEAR WARRANTY, KIT COMPLETE AND EASY TO FIT. DRIVES FULLY PREPARED NOTE THAT OPENING YOUR AMIGA MAY INVALIDATE THE WARRANTY.

INTERNAL DRIVES FOR AMIGA A600 INTERNAL DRIVES FOR A1200 OR SX-1 64 MB WITH 32K CACHE 134.99 80 MB WITH 64K CACHE 120 MB WITH 64K CACHE 120 MB WITH 64K CACHE 169.99



EKLIPSE MOUSE, MICROSWITCHED 290 DPI......10.99

3 SPEED MOUSE. 300DPI 2 MICROSWITCHED BUTTONS



SPONGE BACKING 4.99

ALPHA OPTICAL MOUSE 300DPI, NO MOVING PARTS, VERY SMOOTH29.99

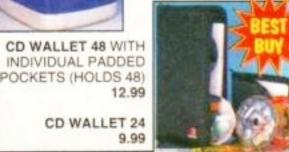


DISK & CD STORAGE DISK BOX (10) PLASTIC FLIP TOP ..

DISK BOX 3.5" (120) LOCKABLE, DIVIDERS 9.99 MEDIA LIFE DRAWER



HOLDS 120 3.5" DISKS, WITH DIVIDERS . 9.99



OVERDRIVE V.9 CD ROM FOR A1200 ... 189.99

EXTERNAL CD ROM DRIVE COMPLETE WITH INTERFACE (PLUGS INTO PCMCIA PORT). RUNS MOST EXISITING CD-32 SOFTWARE, ALMOST ALL FUTURE RELEASES, PHOTO-CD, CD AUDIO AND D+G DISCS. DOUBLE SPEED MULTI-SESSION DRIVE UNIT WITH MOTORISED TRAY LOADING. COMPLETE WITH EXTERNAL POWER SUPPLY AND ITILITIES/DRIVERS DISK. AMIGA AND CD AUDIO CAN BE MIXED



SONY KVM1400 14" FST COLOUR SCART TV/MONITOR WITH REMOTE CONTROL 60 CHANNEL TUNING, REAR SCART INPUT HEADPHONE SOCKET, TWO POSITION TILT BLACK TRINITRON SCREEN, LOOP AERIAL, FREE SCART LEAD SONY KVM1400 (GREY) 194.99 SONY KVM1400 (WHITE) 194.99 SONY KVM1401BL FASTEXT 244.99

SHARP 14" COLOUR TV/MONITOR164.99 SHARP 14" WITH TELETEXT......194.99 SHARP SCART TV/MONITOR WITH REMOTE CONTROL, 40 CHANNEL TUNING.

REAR SCART INPUT, ON SCREEN DISPLAY, ON/OFF TIMER, FREE SCART LEAD *** FREE SCART LEAD WITH TV's *** (STATE AMIGA, CD32, ST. MEGADRIVE 1 OR 2, SNES OR 3DO)



MICROVITEC 1438 MULTI-SYNC MONITOR

FOR AMIGA A1200/A4000 OR PC. WITH STEREO SPEAKERS AND AMIGA ADAPTOR. 0.28 DOT PITCH RESOLUTION, 15 PIN RGB DIN PLUG. SUITS ALL AMIGA AGA AND ALL PC SCREEN MODES TO SVGA. 1 YEAR WARRANTY. 295.99

PHILIPS CM8833 MKII199.99 14" COLOUR MONITOR WITH BUILT-IN STEREO SPEAKERS (REQUIRES LEAD) MONITOR LEAD - 3DO TO CMB833 MKII

MONITOR LEAD - CD32 TO CM8833 MKII .9.99 9.99 MONITOR LEAD - AMIGA TO CMB833 MKII . MONITOR LEAD - JAGUAR TO CM8833 MKII 9.99 MONITOR LEAD - ATARI ST TO CM8833 MKII ...9.99 MONITOR LEAD - M/DRIVE 2 TO CM8833 MKII 12.99 MONITOR LEAD - M/DRIVE1 TO CM8833 MKII ..9.99 12.99 MONITOR LEAD - SNES TO CM8833 MKII



HEAVY discounts
HUGE range

Special
Reserve 10am to 8pm Daily

FREE - 16 page colour catalogue - just phone

0279 600204

order by fax on 0279 726842 - we'll fax back to confirm receip

WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN Members receive our 48-page Colour Club Magazine bi-monthly. Each issue reviews a selection from our extensive range and includes at least £30 worth of coupons for additional savings on top products. Members are under no obligation to buy anything.

MEMBERSHIP FEES WORLD ONE YEAR (6 MONTHS) 7.00 (4.00) 9.00 (6.00) 11.00 (7.00)

One year price includes six issues of Special Reserve magazine with £180 of XS Coupons

All prices include VAT and 2-3 working day carriage to UK mainland Software and peripherals are sent by post, hardware by White Arrow Allow one or two days for processing and despatch of stock items We issue confirmations of all orders received

Overseas orders must be paid by credit card Hardware items (battery or mains) are only supplied to the UK mainland Overseas surcharge £2.00 per software item or 25% on other items

.11.99 APPLY (BLOCK CAPITALS please) Name & Address .13.99 32.99 CLEANING KIT FOR COMPUTERS (WITH VACUUM) ...18.99 5.99 Postcode 5.49 If Mac or PC please state DISK or CD ROM 5.49 Phone No ..5.49 .6.99Enter membership number (if applicable) or MOUSE HOUSE (HANDY PLACE TO STORE YOUR MOUSE) 4.99 IEW MEMBERSHIP FEE (ANNUAL UK 7.00 STAND AND SHELF FOR EXTERNAL PERIPHERALS 39.99 item AMIGA. 1 MB RAM REQUIRED. ...29.99 Please use this box to add any optional fast delivery charge 1st Class Post 40p per posted item or £10 overnight hardware ALL PRICES INCLUDE UK POSTAGE & VAT C Cheque/P.O./Access/Mastercard/Switch/Visa AND AGA SCREEN MODES124.99 CREDIT CARD SWITCH EXPIRY DATE SIGNATURE (ISSUE NO.

> Cheques payable to: SPECIAL RESERVE at P.O. BOX 847, HARLOW, CM21 9PH

Inevitably some games listed may not yet be available. Please phone to check availability. Prices and offers may change without prior notification. SAVE = Saving off full retail price. PRICES CORRECT AT TIME OF GOING TO PRESS. 18.11.94 E .& O.E. Inter-Mediates Ltd, 2 South Block, The Maltings, Sawbridgeworth, Herts. CM21 9PG.



Nintendo, Atari, Apple, Sony, Philips and 3DO. All official UK products, all at HEAVILY discounted prices Order by post, or by phone or come to one of the Special Reserve OPEN 10am to 8pm CLUB SHOPS 7 DAYS A WEEK

43 Broomfield Rd CHELMSFORD near the bus station The Maltings SAWBRIDGEWORTH near the train station Over 200,000 people have joined Special Reserve

CITIZEN ABC 24 PIN COLOUR PRINTER

FREE WATCH OFFER FREE PRINTER LEAD FREE EASYSTART SOFTWARE 24 PIN, 80 COLUMN, 192CPS/64LQ, 5LQ/1 DRAFT FONT, 2 YEAR WARRANTY

THE EASY TO USE PRINTER ABC MONO PRINTER (UPGRADEABLE) 124.99



AND EASY TO USE. 2 YEAR WARRANTY

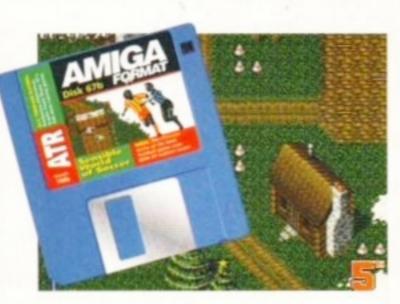
120 CPS LQ, 300 DPI RESOLUTION, 3 SCALEABLE FONTS, LOW RUNNING COSTS

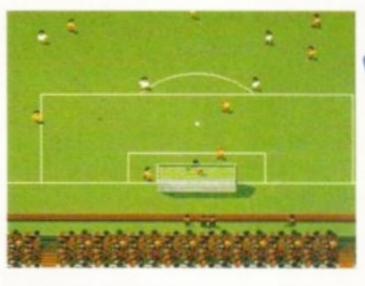
ALL PRINTER PRICES INCLUDE CARRIAGE VAT AND FREE PRINTER LEAD PANASONIC KXP2135 COLOUR PRINTER. 24 PIN, 200 CPS/64 LQ WITH FREE WORDWORTH WORD PROCESSOR WHILE STOCKS LAST 179.99 CANON BJ10-SX BUBBLE JET PRINTER. 64 NOZZLE, 110LQ CPS 185.99 CITIZEN SWIFT 200C COLOUR PRINTER. 24 PIN. 216CPS/72LQ. 185.99 CITIZEN SWIFT 240C COLOUR PRINTER. 24 PIN, 240CPS/80LQ. 219.99 CANON BJ-200 BUBBLE JET PRINTER. 248CPS, 8 TYPEFACES 229.99 CITIZEN TRACTOR FEED KIT FOR CITIZEN ABC PRINTER 38.99 CITIZEN PRINTER DRIVER KIT FOR AMIGA - ENHANCES PRINT 12.99 DUST COVER FOR 80 COLUMN PRINTER (CLEAR PVC). 5.99 PRINTER STAND FOR ANY PRINTER 8.99 RIBBON (BLACK) FOR CITIZEN 24, 200, 224, 240 OR ABC 6.99 RIBBON (COLOUR) FOR CITIZEN 9, 90, 24, 200, 224, 240 OR ABC 14.99 COMPREHENSIVE RANGE OF PRINTERS AND RIBBONS IN STOCK

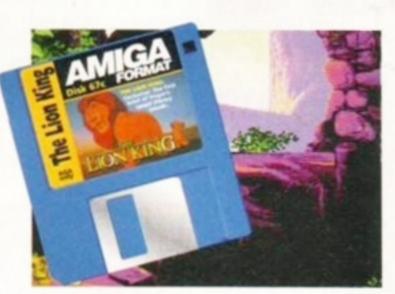
FORMAT COVERDISKS

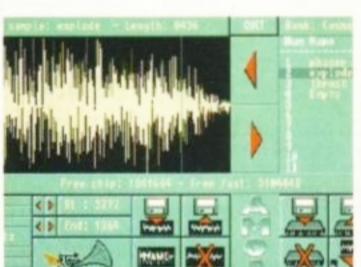
WITH THIS MONTH'S COVERDISKS YOU CAN...



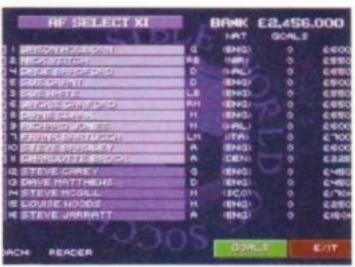














Write games, demos and utilities with AMOS Professional.

Experience thrills and spills with All Terrain Racing and play the finest game of footie ever - Sensible World Of Soccer.

Play the astounding Lion King. It's what we call a big game.



If you want to program with your Amiga then there's no better tool than AMOS Professional. Jason Holborn guides you through this powerful programming language.

AMOS Professional

Amiga Format you'll discover what is generally regarded as the most powerful BASIC programming language ever released for the Amiga. Whether you'd like to try your hand at writing utilities, demos or even complete games, you'll find AMOS Professional the perfect tool for the job. What's more, AMOS Professional has one feature that makes it quite unique – it's very, very easy to use.

Despite its obvious power, *AMOS Professional* was designed to be very simple to use which is why it's based on the one programming language that most Amiga owners know fairly well – *BASIC*.

What this means is that if you have ever tinkered with BASIC before (most computers offer a BASIC language), you will feel instantly at home with AMOS Pro. But don't assume that AMOS Pro is just another BASIC language. Far from it – AMOS

Pro is head and shoulders above any other BASIC language you are likely to encounter.

This isn't just marketing hype either – thanks to AMOS Pro's impressive command set (which, incidentally, contains no fewer than 700 commands – more than any other BASIC language), there's very little that AMOS Pro can't handle.

If you'd like to tinker with your Amiga's amazing graphics and sound capabilities, for example, then you'll love AMOS Pro's vast range of dedicated graphics and sound commands. These allow you to perform all manner of wonderful effects such as screen scrolling, animating sprites, colourful 'copper' effects, multichannel music and sound effects, often with little more than a couple of simple commands.

If the thought of learning to program frightens you, don't worry – AMOS Pro really is blindingly simple to use. OK, so we're not going to

ET. WIN UP TO GAME IN AMITE A AGE AT. **Another month and another** quest for the best Coverdisk programs. And we have found four great programs and demos to keep you busy over the festive period.

AMOS PRO SPECIAL OFFERS

If you want to get the very best from your AMOS Pro Coverdisk, why not treat yourself to some of these wonderful support products. (Turn to pages 20, 121 and 172 for ordering details.)

£19.95

ULTIMATE AMOS

This 400+ page book is the perfect companion for AMOS Pro. Bundled complete with a disk containing all the listings printed in the book, Ultimate AMOS guides you gently through the basics of programming (including how to use the AMOS Pro Editor and accessories) before moving on to more advanced areas such as screen scrolling, sprites and bobs, music and sound effects, AMAL (AMOS Pro's powerful animation language) and possibly the most in-depth guide to games programming ever published. With Ultimate AMOS, you'll learn how to write your own shoot-em-ups, platform games, Gauntlet-like maze games, adventure games and much more.

AMOS PRO MANUAL

£17.99

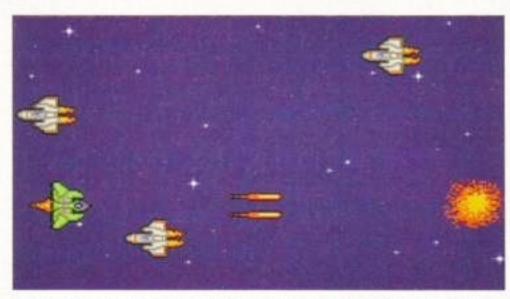
Unlock the power of your AMOS Professional Coverdisk with the official AMOS Pro manual from Europress Software. It details how to use the AMOS Pro Editor and accessories and also lists and explains every single one of AMOS Pro's over 700 commands.

£34.99 AMOS PRO COMPILER

Get your AMOS Pro programs running at full speed using the AMOS Pro Compiler. This invaluable utility converts your AMOS Pro source code to an executable file that runs faster than interpreted AMOS Pro code and can also be run independently of the AMOS Pro editor.

pretend that you'll learn to program a game like Mortal Kombat II in an afternoon, but you'll be surprised at just what you can do. Persevere and there's no reason why you couldn't use AMOS Professional to write your own arcade games - if you're a PD fan, for example, chances are you've already stumbled across plenty of examples of AMOS-generated games (some of which have even appeared on past Amiga Format Coverdisks).

Just to prove our point, we've included a selection of demonstration programs taken from the Amiga Format book Ultimate AMOS. These listings demonstrate a wide variety of AMOS Pro programming techniques including how to write a platform game, how to scroll a continuously changing background screen for a Scramble-like effect, how to generate wonderful multicoloured copper colour bars and so on. Study these listings



Create your own fantastic arcade games with nothing more than a dash of inspiration and AMOS Pro.

and have a go at modifying them yourself. If you'd like to learn how to program your own games in AMOS, then Ultimate AMOS (turn to page 172 to order your copy) is a must.

Continued overleaf ⇒

GETTING STARTED WITH AMOS PRO

AMOS Professional is a seriously big program. So much so, in fact, that we've been forced to crunch the program quite heavily - the original AMOS Professional package contains no fewer than six disks which we have managed to pack down on to just one.

Don't worry - the version of AMOS Professional on our Coverdisk is exactly the same as the full package minus a few demonstration and tutorial files. Other than these less than vital files, our AMOS Professional disk is complete.

In order to run AMOS Professional it must first be decompressed on to two separate floppy disks, so make sure you have two blank disks ready.

Just insert your AMOS Professional Coverdisk into your Amiga's internal disk drive and then switch on your Amiga and our decompression script will handle the rest - all

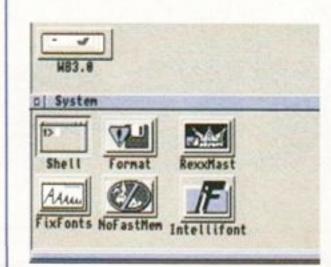
you have to do is to follow the on-screen instructions and swap disks when prompted. Once both disks have been decompressed, you'll have two disks - the AMOS Pro System disk and an Accessories disk.

's decompress the BMDS Pro System disk. Laading file into BBM... a few numerts you will be prompted to insert the disk that will held a Not Fre testam disk timely follow the progress instructions Dischart Phinese inhalte formation flystem Prision . MITTH 18 1.6 MT2 isk contains Jostalled standard beothlock. riting frack: 84 in: 12568 out: 56128

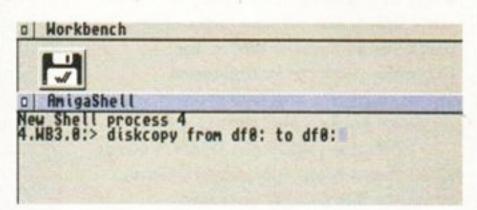
Before you can use AMOS Professional, it must first be decompressed on to two blank floppy disks.

BACKING UP YOUR COVERDISK

Copying your Coverdisk is very simple. Just follow the stages below...

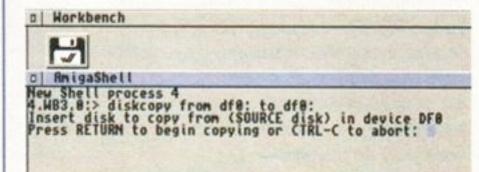


Boot up with your Workbench disk, and find the Shell icon, in your system drawer. Double-click on this to go into the Shell.

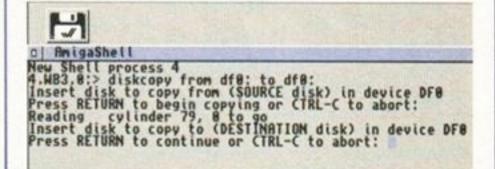


Type in the following line exactly as it appears here, taking care to put the spaces in the correct places:

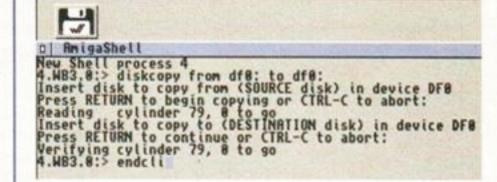
DISKCOPY FROM DFO: TO DFO:



When asked for the source disk, insert the Coverdisk and press Return. All of the information on this disk will then be copied from the disk into memory.



Once your Amiga has read the info, it will ask for the destination disk. Insert the disk you want to copy to and press Return. All information on this disk will be destroyed.



On an unexpanded machine, the Amiga may ask for the source disk again, as it copies in chunks. Finally, type Endcli to close down the Shell. Your copy is complete.

DISK NOT WOR

We take every care to test the Coverdisk software, but Future Publishing cannot accept any responsibility for any data loss or other damage occurring during its use. If your disk is faulty, send it back, including a stamped addressed envelope for a free replacement to:

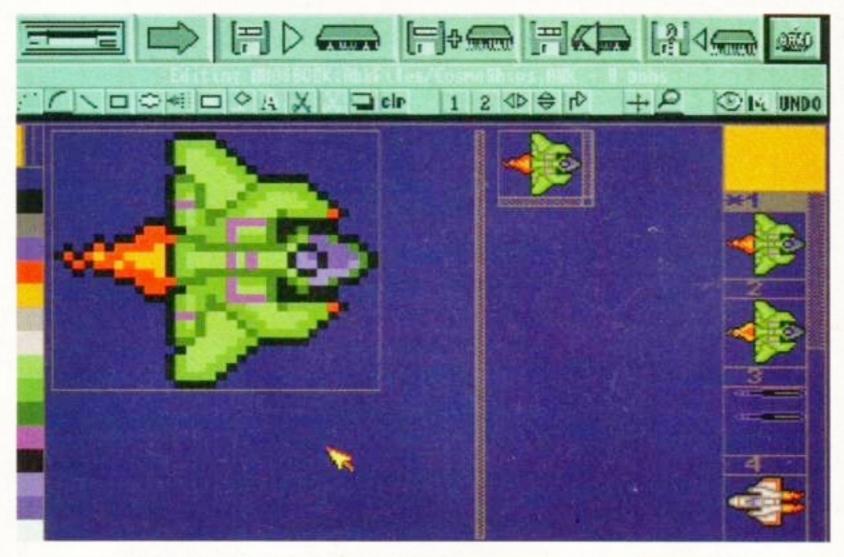
Amiga Format (insert the name of the disk) Disk, Discopy Labs Ltd, PO Box 21, Daventry, NN11 5RT.

The AMOS experience

ACCESSORIES

Most of the programs that you write with AMOS Pro contain more than just lines of code. A game, for example, requires background graphics, sprite and bob images, sampled sounds and music.

Although AMOS Pro doesn't cover all of these areas (you need a paint program like DPaint to create background graphics and title screens), it provides a wide range of accessory programs – one for editing the imagery of your sprites and bobs, another for creating sample banks and so on. All these accessories can be loaded from the AMOS Pro accessories disk (the second disk you decompressed) by selecting the appropriate option from AMOS Pro's User pull-down menu.



RESOURCE EDITOR: The Resource
Editor is one of AMOS Pro's more
advanced editors because it is
used to pull together resource
banks for use with AMOS Pro's
Interface language. Resources are
used to build powerful user
interfaces for programs.

sample sounds into a sample bank. Each sample can be edited just like a sample editor – that is, you can cut, copy and paste sections of sample data and so on. Samples can also be fine tuned.

OBJECT EDITOR: The Object
Editor is used to edit the
appearance of the sprites,
bobs and icons (rectangular
blocks of graphic commonly
used for game maps) used by
your AMOS Pro listings. Such
objects are held in what
AMOS Pro calls banks which
are collections of the same
object stored as a library.

The Object Editor is a glorified paint program that has been geared towards the task of drawing sprites and bobs. As well as a wide range of drawing tools, it also allows you to manipulate banks by inserting new objects and deleting objects you don't want. The two pull-down menu options Edit Objects and Edit Icons both load the Object Editor.



DISK MANAGER: A directory utility along the lines of Directory Opus. And like Opus, the Disk Manager lets you copy, delete and rename files as well as a whole host of other common disk operations, therefore removing the need to leave AMOS Pro to access the AmigaDOS Shell.

Hun Name Bytes | Pres chip: 081664 Free fast: 3164441

THE AMOS PRO EDITOR CONTROL PANEL

Once you've decompressed the two AMOS Pro disks, insert the AMOS Pro System disk into your Amiga's internal drive and then switch on. After a few moments' disk access, the AMOS Pro Editor appears. Click the left mouse button to get rid of the status box and the AMOS Pro Editor springs to life. The bulk of this screen is taken up by the source code window - that is, the area that displays your source code and where all editing of that code takes place. Running along the top of the AMOS Pro Editor screen are a row of icons which you'll need to get to grips with. Here's a run down of what they do.

DIRECT MODE: The Direct Mode icon switches AMOS Pro to direct mode, the part of AMOS Pro that provides direct access to the AMOS Pro Interpreter (the bit that actually runs your programs). Direct Mode allows you to enter AMOS commands which are performed immediately rather than en masse like an AMOS listing. Pressing the Escape key has the same effect as selecting this icon.

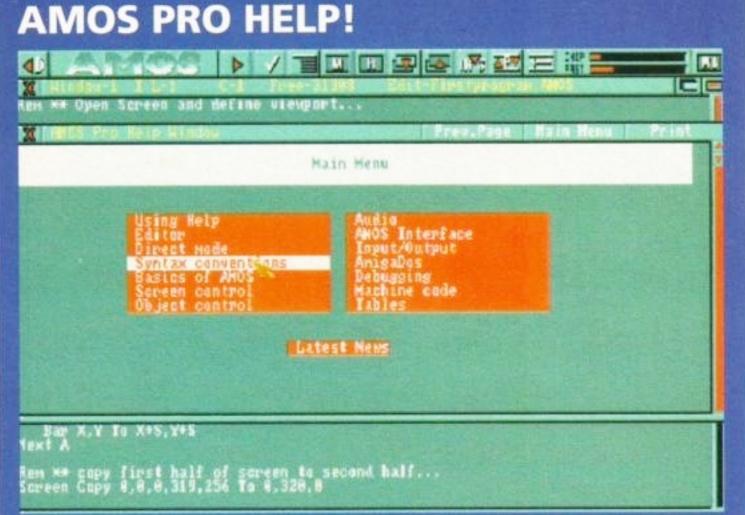
RUN: Once you've typed in your AMOS Pro listing, clicking on this icon forces AMOS Pro to actually perform your listing.

Pressing the F1 key does the same job.

TEST: This icon lets you check your AMOS Pro listing for any errors without actually running the program. If an error is encountered, AMOS Pro moves the cursor to that line.

INDENT: The indent icon attempts to make your listings more readable by indenting code held within loops and program control structures.





Discover the syntax of any AMOS Professional command with its sophisticated on-line help facility.

Documenting each and every one of AMOS Professional's 700 plus commands within the pages of Amiga Format is impossible because we just don't have the space. To make your life easier, however, AMOS Pro has its own on-line help facility which not only provides in-depth information on how to use the AMOS Pro Editor, but also documents every single AMOS Pro command!

To access AMOS Pro's on-line help, press the Help key on your Amiga's keyboard. If the cursor has been positioned over the first character of an AMOS Pro command, the on-line help jumps straight to the information on that particular command. If, on the other hand, the cursor is sat on a blank space, online help will start from the main menu.

Using online help is very simple indeed because it's completely menu driven. Selecting the information you want is simply a matter of clicking on the label for that information – clicking on the Basic of AMOS label from the main menu, for example, brings up another menu listing lots of further menu options which, in turn, gets you that bit closer to the information you want.

One thing worth noting, however, is that the on-line help also lets you automatically load demonstration files which show a particular command in action (the command's name appears as red text on a black background which can be clicked upon to load the demonstration). In order to squeeze *AMOS Pro* on to a single disk, we were forced to drop these tutorial files and so the facility to load a demonstration is not available with our Coverdisk.

NEXT MONTH!

Now that you've seen what AMOS Pro is capable of, stay tuned for the next issue of Amiga Format in which you'll find the first installment in a regular series of AMOS Pro programming tutorials. Find out how to program your own AMOS games the easy way!

YOUR FIRST PROGRAM

Now we've looked at how to use the AMOS Pro Editor, let's get stuck into some coding. Type in the following listing for a demonstration of AMOS Pro's powerful screen scrolling and blitter object commands.

Rem *** My First AMOS Pro Program!!!

Rem *** Open Screen and define viewport... Screen Open 0,640,256,16,Lowres Flash Off: Curs Off: Cls 0 Screen Display 0,128,40,320,256

Rem *** Define copper colour effect... Set Rainbow 0,0,280,"(18,1,15)","","" Rainbow 0,0,0,280

Rem *** Load Bobs from disk... Load "AMOSBOOK:AbkFiles/SpaceShip.ABK" Get Sprite Palette

Rem *** Draw colourful boxes...

For A=1 To 100

X=Rnd(320)

Y=Rnd(256)

S=Rnd(50)+10

Ink Rnd(15)+1
Bar X,Y To X+S,Y+S

Next A

Rem *** copy first half of screen to second half... Screen Copy 0,0,0,319,256 To 0,320,0

Rem *** Double buffer screen for smooth movement...

Double Buffer

Do

For A=0 To 319 Step 4

Rem *** Update bobs...

Bob 0,80+A,40,FRAME

Bob 1,130+A,80,FRAME

Bob 2,180+A,120,FRAME

Bob 3,130+A,160,FRAME

Bob 4,80+A,200,FRAME

Rem *** Update Bob animations...
If FRAMEDELAY=4

Add FRAME,1,1 To 8 FRAMEDELAY=0

Else

Inc FRAMEDELAY

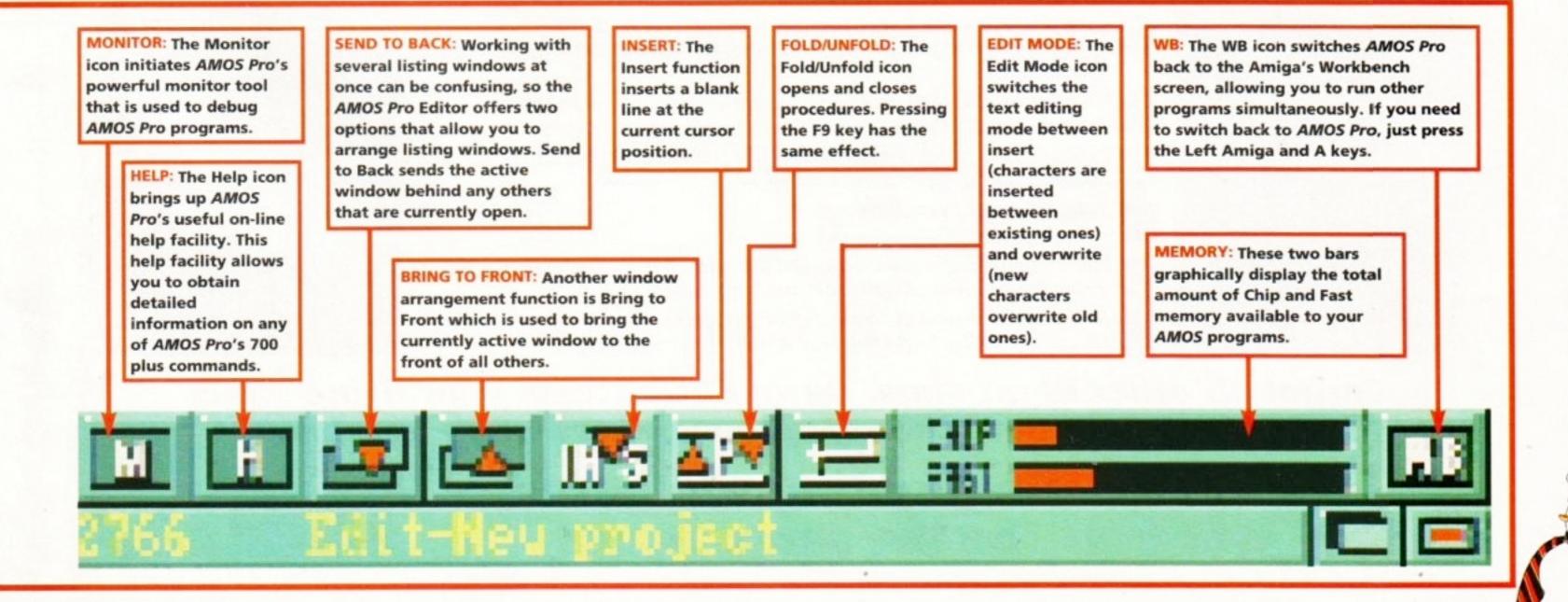
End If

Rem *** Scroll screen... Screen Offset 0,A,0

Rem *** Synchronise screen update... Wait Vbl Next A

Loop

OK, so it's not quite Project X but even this little program demonstrates AMOS Pro's powerful graphic capabilities.



AVAILABLE ON ALL AMIGA FORMATS*





The First Air War

Dawn Patrol is a true flight simulation with the emphasis firmly on pilot control and 'seat of the pants' skill. Climb into the cockpit and prepare for the aeronautical experience of a lifetime.



- Take the controls of one of 15 period aircraft including the Sopwith Camel, SPAD 7, and the Red Baron's Fokker Triplane.
- Leading Edge Technology provides enhanced features for the A1200 and A4000.
- 32 colour mode gives twice the colour resolution of standard Amiga flight sims.



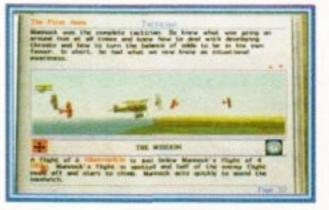
- A myriad of viewing perspectives (View Matrix) including interior cockpit, multiple external and unique ordnance view.
- Over 150 missions to accomplish ranging from traditional doglighting to balloon busting, each with full mission briefing and embedded hypertext.
- 64 pilot biographies allow you to create your own characters from Rookie to Flying Ace.



- Experience a complete account of the 1914-18 'War of the Skies' and battle for either side of the conflict.
- Fully hard disk installable.
- The 1914-18 team spirit amongst the airmen is further emphasised through a number of authentic wartime ditties.*
- A full range of realistic sound effects accompanied by Tchaikovsky's "Capriccio Italien" add the final touch of authenticity.









Forget all other flight sims, Dawn Patrol tests your flying skills to the full against the <u>real</u> pioneer Aces of air combat.

*1 MEGABYTE OF RAM OR MORE REQUIRED



Dogfighting will never be the same again!

©1994 The Greenwich Workshop ©1994 Rowan Software









With Holborn in goal, Grant and White solid at the back, Garford's ball skills, and Bradley leading the line, the AF XI is just one of the delights of this great demo.

ensible World Of Soccer. The game of the decade. Harps are plucked, the skies open and verily, the angels come down from the heavens clutching AF's exclusive Coverdisk demo. On giant, crashing waves.

We have the best league in the world, Italy's Serie A, and Serie B thrown in for good measure. And in an act of monumental self-indulgence, dear readers, we offer you the chance to playermanage, or manage an Amiga Format Select XI through a season in Italy, pitting your wits against the world's top players. Roberto Baggio, Ruud Gullit, Ruben Sosa, Franco Baresi, Paul Gascoigne. And erm, David Platt.

There are two basic options in the demo. You can play friendlies between one or two players choosing from a staggering 40 teams (some demo, huh?), or you can play the Demo League where you manage the Amiga Format Select XI, choosing their tactics (the midfield combination of Jones, Garford, Bartucca and McGill is dynamite), buying and selling players, checking the club finances and even monitoring the progress of teams in the English and Scottish leagues.

You can even import English Premiership

players if you trawl the foreign transfer market. So if you don't want to keep the bloke called Jarratt in the team, preferring perhaps to sign Les Ferdinand, then simply bung Mr Jarratt on the transfer list and hope

IS DAVE MATTHERS

IT STEVE JARRATT

READER

Undoubtedly, the AF team could soundly thrash AC Milan at writing Amiga mags, but can they beat them at footie?

Waggle the joystick in one direction three times and you bring up the bench where you can change tactics or make a substitution.



LEADING COMPETITION GOAL SCORERS FRANCESCO BAIANO (FIORENTINA) (BRESCIA) CHARLOTTE BROCK CAF SELECT XII DIANE CLARK CAF SELECT XII) GIÁINNI CRISTIANI **LUIGI GUALCO** RICHARD JONES CAF SELECT AL (CAGLIARI) (CREMONESE) PASQUALE DE VINCENZO (FOGGIA)

that one of England's top strikers becomes available. Remember, the higher value a player has, the faster and more skillful he is likely to be.

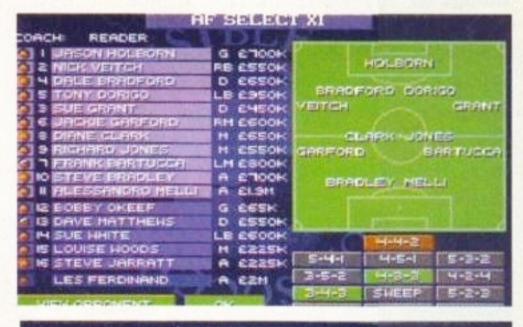
Disappointed that you didn't get to manage Manchester United in the demo? Tough. But you

can still watch all their games during the season. Indeed, you can follow the fortunes of any English Premiership, First Division or Scottish Premier League team. Marvellous, eh?

What are you waiting for. Play. And look out for the full version in the next few weeks which features virtually every club and international team in the whole world. Which is even more than are on this demo. .

SERIA A (A) SERIA A SERIA A AF SELECT XI PLAY MATER NEXT HATCH TRANSFERS EXIT

You can check out AF Select's forthcoming games, view the financial situation and sell McGill.





A ridiculous sum, I'm sure you'll agree readers. You can't turn down that sort of money for those players.

CONGRATULATIONS ON BECOMING THE NEW MANAGER OF AF SELECT IN HE HISH YOU EVERY SUCCESS IN YOUR NEW JOB BANK ET BEST REGARDS NAT YOUR PRIENDLY CHRISMAN (ENG) CHIPS GAL (ENG) (ENG) (ENG) (ENG) ESCOH MAL LH (ITA) €700K (ENG) **EEOOK**

HEESS

EMECH

ELLION

€250

EIBOK

EXIT

(CEN)

(EN4G)

(ENG)

(ECO) (E)4(5)

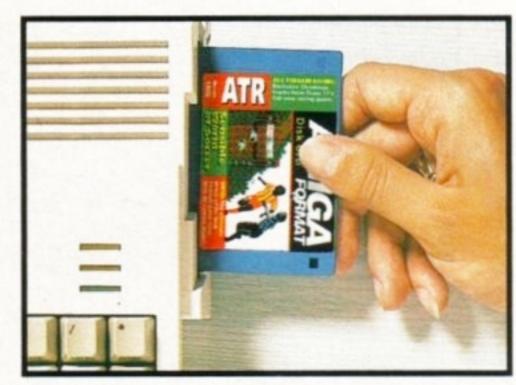
(ENG)

Every player is valued and the higher the price, the better their ability to control the ball. Messers Jarratt and McGill are... (Blessed with delightful ball control - Ed).

EMO FROM THE GLUB CHARMAN

TECHNICAL

The Sensible World Of Soccer and ATR Coverdisk has loads of data on it. You need to decompress it. It's easy. Format two blank disks and load up the demo, following the instructions carefully. It will take a few minutes, but hey, they're great demos. It's worth it. Trust us.



Pitch your buggy against the best of the rest in the wonderful All Terrain Racing. You can even race on the special, snowy Christmas track.

ot to be confused in any way with the Scalextric-wannabe TCR, our Christmas ATR demonstration offers you almost total control of a small, and somewhat cuddly buggy. And if you wish, an 'old china' can join in and you can race head-to-head, as it were. Yes readers, this demo is for one or even two players.

After their previous, and rather disappointing effort at producing a racing game, *Overdrive*, Team 17 are determined to set the top-viewed car game record straight. *ATR* looks set to do so. Race though a Christmas fairyland, with snow and trees with lights and stars. Avoid cones. Drive over power-ups. And look out for Father Christmas and one of his red-nosed reindeer perched on the roof of a particularly winsome log cabin. Team 17 obviously slipped up somewhere along the line

ATR is the latest top-view racing racing game, similar, in some ways to Codemaster's excellent Micro Machines. Though perhaps a little more formal. But we think that you'll think it's great.

COST
SCOOL
SUPER
SUPER

You can upgrade your motor to enhance the performance but ultimately, winning depends on whether Schumacher can knock...

In the two-player mode, you have to amass a certain amount of points for victory.

though, for we spotted three Santas of the Claus variety, and as we all know, there is only one St Nicholas. But perhaps he jumps up and flies to another cabin as soon as you've sped past. Yes, that'll explain it.

In one-player mode, you're kindly invited to spend some money in a shop which sports a variety of extras for your new motor. Special power steering is a bargain at only \$200 (yes, you are in the Americas). It's perhaps unwise to purchase armour. Our demo contains no weapons, but

we're reliably informed that the full version, as well as featuring numerous courses and cars, will also contain elements of Dick Dastardly-esque foul play. All the more reason, we suspect, to look out for the full and, of course, definitive *Amiga Format* review next month.

Our one-player demo features the Christmas track and a Grand Canyon-and-rivers affair. Two players can but hurtle around the winter wonderland attempting to speed to the top of the screen ensuring your opponent drifts off the edge giving you one wondrous point. So drive.

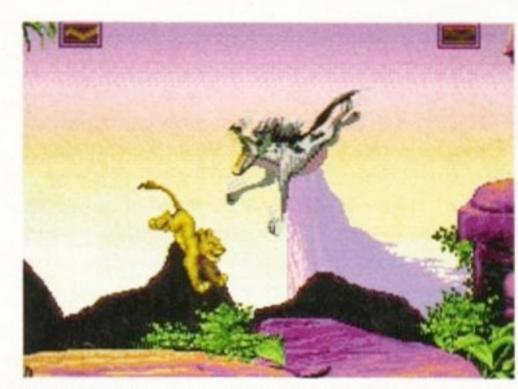
Lion King



Disney's gorgeous film is now a lovely computer game. And we've put this adorable platformer on our Coverdisk. What better way to spend Christmas? he biggest film of the year is now, not surprisingly, a computer game too. You are Simba, and you have to kill the nasties. Pressing the fire button makes the beast growl like next doors' ginger tom. It's an easy demo to complete (but a heck of a lot of fun) so we won't tell you any more.

If you don't possess an AGA machine, our apologies. You won't be able to play the demonstration, nor will you be able to purchase the finished product. Well, you can, but you'll be wasting your money. You'll just have to take our word for it that it's an incredibly pretty game. Or perhaps you can glance sideways at one of these screenshots.

For those with the requisite chips, there is no intro screen, and when you've completed the demo, which is almost inevitable, the screen freezes and to play again you must reboot. The same applies if you lose all your lives – the screen goes black, yet the quirky tune continues. Again, you have to reboot.



Ultimately, you have to beat the hyena-type chap. The best way is to jump on his head when he's panting.



Go on little fella, you can get up there. Lion King is blessed with some glorious graphical touches.

NOTHING, NOTHING CAN PREPARE YOU!



















KINTARO S REVENGE! EXPECT NO MERCY!





FRIENDSHIP?

MIDNAY

MORTAL KOMBAT* II © 1993 Licensed from Midway* Manufacturing Company. All rights reserved. Nintendo", Super Nintendo Entertainment System", Game Boy" and the Official Soals are trademarks of Nintendo Co., Ltd. Sega, MegaDrive and Game Gear are trademarks of Sega Enterprises, Ltd. All rights reserved. Acclaim is a dismiss of Acclaim Entertainment ® & © 1994 Acclaim Entertainment & Reserved. Screen shots shown are taken from the Super NES* version of the videogene.

AKlaim

GOT A PROBLEM WITH YOUR COVERDISK? CALL O191-385 2627 FORMAT COVERDISKS



Your Coverdisk should be working fine, but if not, these hints, tips and corrections may sort out the problem for you quickly and easily.



MUSIC-X AF58

A600 owners, and anyone else with only Chip RAM, should follow the instructions for A1200 owners, otherwise they

will find they have little room for samples. Also, many people seem to be getting a message regarding missing fonts. The fonts are on the disk, OK! If you boot up from the *Music-X* program disk, like it says to do in the instructions, there is no problem.

If you want to boot off any other disk, copy the fonts into the FONTS: drawer of your boot-up disk. This is not complicated – it is how the Amiga works (and the PC and the Mac).

PAGESETTER 2 AF63

There are no problems with this program, but a few people seem to be having difficulty with fonts. PageSetter 2 works with CompuGraphic fonts, but it needs an .atc file. If your font doesn't have one, PageSetter 2 won't recognise it.

If

Not a problem, but a cheat for this rather good demo of a rather excellent game.

If you press the C key during the loading screen a message appears, informing you that the cheat mode is active. You will now have lots of cash to buy oodles of rides and things!

AND FINALLY...

THEME PARK AF64

Not a problem or anything, but an example of what someone has done with their Coverdisk, in this case the *Imagine* disk we gave away all those issues ago (AF53).

There is a sad aspect to this tale though. This model of the T-65 X-Wing fighter is so large that its creator, Simon C Embley, hasn't actually got enough RAM to render it in its entirety.

So, for all you other aspiring *Imagine* modellers, Simon's picture is something to aim at, and for Simon, here is what your model actually looks like...

PAGESETTER 3

Although it is not actually a Coverdisk, some of you have been experiencing problems with PageSetter 3, the upgrade to our great PageSetter 2 Coverdisk (AF63).

The problem seems to involve people running this software from a floppy drive. It has to be said that Gold Disk's install script and documentation are less than perfect.

Firstly, you do not actually have to run the floppy install program to run the software, you can just boot from disk one and run the program from disk two (although the print option will not work). To solve these problems, the easiest thing to do is make some additions to a copy of your Workbench disk. Here are the steps you should follow:

- Make a copy of your original Workbench disk, or your usual start-up disk.
- 2. Using a text editor (such as ED), add the following to your start-up sequence (before the ENDcli command), or your user start-up if you have one.

Assign Fonts: PS³Fonts:Fonts
Assign CGFonts: PS³Fonts:Fonts
Assign s: PS³Page:

- 3. Now save the file (using Escape then x if you are using ED) and reboot your machine with this disk.
- 4. From Workbench, select and delete the Tools and Utilities drawers (or otherwise make room for the library files).
- 5. Open a Shell and type the following: copy PS³Install:s/page#? s: copy PS³Install:libs/FontEngine.library Libs: endcli

(If you are using a GB keymap, the superscript 3 is obtained by pressing Alt-3)

- Reboot from this disk again. Insert the PS³Page disk and double-click on the program's icon. It should now run, and print to your selected printer.
- 7. To install more fonts, you should use the original Install program, because this updates the special font list *PageSetter* uses to tell which fonts are available.



HOW TO CONTACT

FORMAT

The best way to get an answer from Amiga Format is to make sure you're addressing your letter to the right person (or, indeed, department)...

- We get hundreds of letters and faxes a day, so we can't reply in person.
- Amiga Format is available for enquiries by telephone every Tuesday between 10.30am and 6pm, but please make sure your call is really necessary.
- Our advertising complaints department can help with problems

with companies who advertise in AF if you phone during normal office hours.

Our subscriptions service and the Amiga Format Mail Order department can be contacted on 01225 822511.

WORKBENCH: If you have any problems with the technical side of your Amiga, with hardware or with serious software, Nick Veitch will answer you in the mag. If you have advice or tips for other readers, send them in and you could win a prize.

Workbench, Amiga Format, 30 Monmouth Street, Bath BA1 2BW.

GAMEBUSTERS: If you've found a cheat mode, mapped out the levels, or found all the passwords for the latest game, send the info to Steve Bradley

and you could win a prize. Or, if you're stuck, ask Helping Hand for advice.

Stephen Bradley, GameBusters, Amiga Format, 30 Monmouth Street, Bath BA1 2BW.

READERS' LETTERS: The letters pages are there for you to air your views and share your opinions; please remember not to ask questions that should be in Workbench!

Letters To The Editor, Amiga Format, 30 Monmouth St, Bath BA1 2BW.

COMPETITIONS: To enter a competition, write the answers and your name, address and phone number on the back of a postcard.

Whatever Competition, Amiga Format, 29 Monmouth St, Bath BA1 2DL. SPECIAL OFFERS: If you've ordered something from the AF Mail Order and you've got a problem, call our Mail Order department on 01225 822511.

Amiga Format Mail Order, Future Publishing, FREEPOST (BS4900), Somerton, Somerset TA11 6BR.

SUBSCRIPTIONS: If you have any subscription enquiries then write to:

Amiga Format Subscriptions, Future Publishing, FREEPOST (BS4900), Somerton, Somerset TA11 6BR.

FAULTY COVERDISKS: If you have a faulty disk, DON'T return it to us: send it, enclosing an SAE, to: Amiga Format (insert the name of the disk) Disk, DisCopy Labs Ltd, PO Box 21, Daventry NN11 5RT.





"The definitive helicopter simulation. Gunship has an authentic flying feel about it, without sacrificing any ease-of-play factors." (PC Review)

"The game offers the best of both worlds - Sheer playability and dynamic realism combined, make it one of the most satisfying flight sims yet!" (PC Format)



"One of the most ambitious war games of recent times." (PC Format)

"The game is incredibly detailed and accurate when it comes to the military hardware..it has a well thought out player interface!" (PC Review)



CAMPAIGN -©1992 Empire Interactive / Jonathan Griffiths



GUNSHIP 2000

- ©1991 Microprose Ltd.



"An outstanding and original game. The graphics are excellent, the atmosphere terrific and the standard of presentation first-class!" (PC Review)

"It's got class...It's got style...It's got sense and it's brilliant! What more do you need?" (Amiga Power)

THE ESSENTIAL WARGAMING COMPILATION!



HISTORY LINE - © 1993 Blue Byte





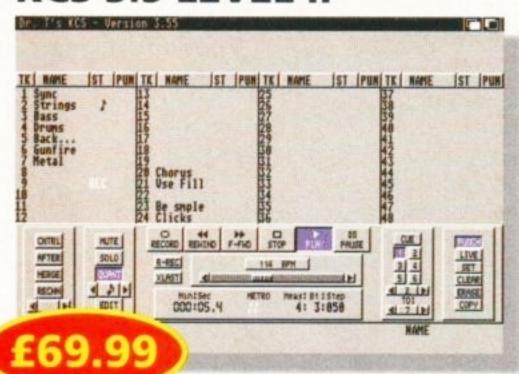




FORMAT PRESENTS

There's only one thing better than our Coverdisks and that's the latest upgraded and enhanced versions. And they're all at special AF prices.

KCS 3.5 LEVEL II



When we reviewed this incredible music package (AF29) we awarded it the coveted Gold rating (a whacking 92%) and that was with a retail price of £279. We said: "Contains all the elements you could possibly need to use your Amiga in a serious environment". KCS 3.5 is much more

than just a sequencer, it also contains a whole host of functions, in a multi-program environment (MPE), to allow you a great deal of flexibility in creating music: record notes in KCS, edit them in *Tiger* and print out your score using *Quickscore*.

*KCS 3.5 requires 1Mb RAM, although 2Mb, a hard drive and a MIDI interface is recommended.

ORDER NO:

AMFKCS

TV*TEXT PROFESSIONAL V2 FULL PACKAGE



Our TV*Text Coverdisk
was ideal for those
exploring the joys of
video titling for the first
time, but this new version
will give your titling a
whole new dimension.

This brand-new-directfrom-the-USA version includes AGA support, which allows up to 256 colours on screen, it

permits text to be typed directly on-screen, provides full outline font support – so you can squash, stretch and scale your fonts without any loss of quality. It also includes a *Player* program, allowing images to be scripted and sequenced, and contains wipes, fades and other effects. In addition to the original 220-page *TV*Text* manual (also available separately) *v2* contains an AGA manual and five extra disks packed with 50 outline fonts for use with *TV*Text* and other packages that support outline fonts. *AF* Gold-rated.

ORDER NO:

AFTVTF

TV*TEXT PROFESSIONAL V2 UPGRADE

TV-TEXT Professional For Victor And Desired Professional Personal Professional Prof

With the exception of the original 220-page TV*Text Professional manual and the five disks of outline fonts, this TV*Text V2 upgrade contains everything that is in the full v2 package.

If you have previously purchased the manual or already have access to a wide range of fonts, this option is definitely the right one for you.

See your titles come to life with the extra enhancements of this AGA version. For detailed specifications please see the description of the full package above.

ORDER NO:

AFTVTU

1MB RAM UPGRADES



If you have less than 2Mb RAM these days, you are at a serious disadvantage, so take this opportunity to upgrade your system at an astonishingly low price. These boards for the A500+ and A600 simply plug into the Amiga's trapdoor connector without invalidating your warranty. Manufactured to the highest standards and fully guaranteed for 12 months. Upgrading to 2Mb will give both your machine and your productivity a boost.

A500+ ORDER NO: AF5P1M

A600 ORDER NO:

IO: AF6H1M

PIXEL 3D PROFESSIONAL V2

If you've been using our incredible Pixel
3D Professional v1 Coverdisk (AF65),
you'll know exactly what to
expect with this bang-up-to-date
upgraded version. Pixel 3D Pro v2
is one of the most powerful 3D
object utility programs available.
Version 2 includes the following
enhancements:

- Z-buffer full-colour viewing modes.
- Real-time 3D painting.
- Complete AGA support.
- Complete PostScript support.
- Object hierarchies support.
 Improved DFX AutoCAD
- support.

Loads 17 different 3D file formats including
 Studio and Imagine

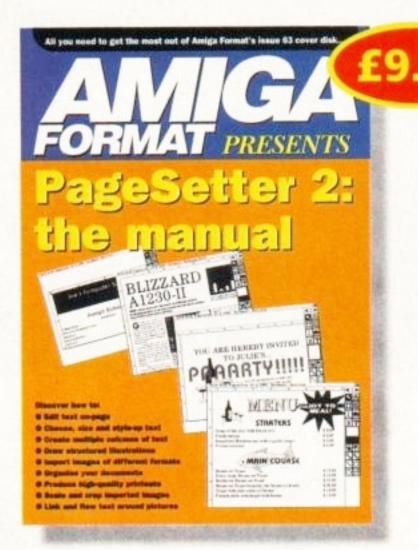
Lightwave, 3D Studio and Imagine.

And much more...

Version 2 of *Pixel 3D Professional* can also convert bitmap pictures of logos and shapes to 3D with unrivalled speed and quality. *Amiga Format* readers can upgrade to *Pixel 3D Professional v2* for just £129 – £70 off the RRP.

*Please note: Pixel 3D Professional v2 requires Workbench 2 and 2Mb RAM.

ORDER NO:



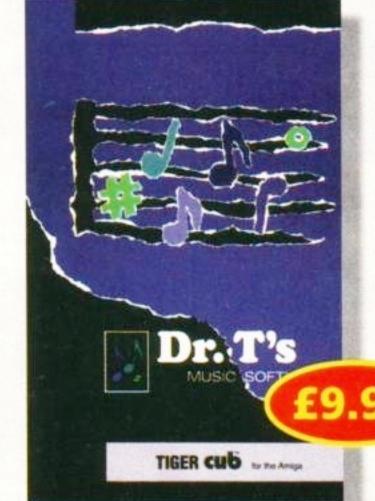
Official manuals to complement your AF Coverdisks

PAGESETTER 2

To enjoy the full benefits of the AF63
PageSetter 2 Coverdisk, you need the official manual. Learn how to design, create and print your own leaflets, posters and stationery with in-depth tutorials. The manual also contains information on importing format images, formatting text, drawing structured illustrations and a full listing of keyboard short-cuts.

ORDER NO:

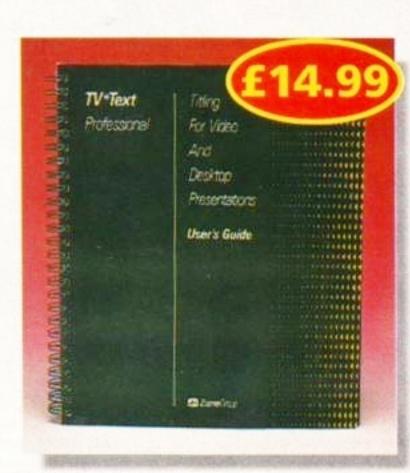
AFM/PSM



TIGER CUB MANUAL

To get the most from your excellent Tiger Cub Coverdisk (AF66), we are offering the official 100-page manual from Dr T's Music Software for the special price of £9.99. Featuring in-depth articles on getting started, the tape recorder, the graphic editing display, menus, instruments, drum kits, quickscore, tables of assignments and much, much more.

ORDER NO: AFTCM

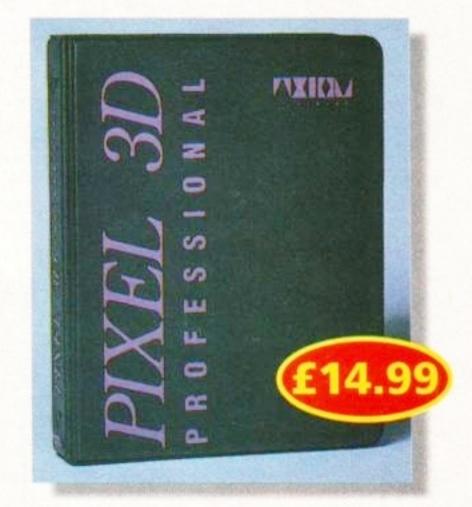


TV*TEXT PROFESSIONAL

This attractive 220-page ring-bound manual allows you to explore all the features of our tremendously popular AF64 TV*Text Coverdisk with tutorials on backgrounds, shapes and objects, render preferences and more. The manual also explains how to customise TV*Text to your personal preferences.

ORDER NO:

AFTVTM



£17.99

ON THIS MONTH'S COVERDISK! AMOS PRO MANUAL

The official manual for our wonderful AMOS

Professional Coverdisk. 650-pages gently introduce
new users to the delights of programming in AMOS

(AF40 97%) and then guide them through the many advanced features of this astonishing package. Co-authored by Mel Croucher, this reader-friendly official manual contains all the essential information you'll need to get the most from our fab Coverdisk.

AMIGA FORMAT READER OFFER FORM

ORDER NO: AMFAPRM

PIXEL 3D PROFESSIONAL

Pixel 3D is one of the best 3D object utility programs available – and we gave it away! The official manual contains articles on loading objects, text and bitmap images, object editing functions, object manipulation, configuring bitmap load settings, polygon flipping, division, doubling and reduction, plus tutorials on converting text and bitmaps into objects and using Pixel with other programs.

DER	MIO.	AE	P3DM
DOM:	NO.	_	FOUN

Name		
Address		
	••••••	
	Post Code	
Phone Number		
Description	Price	Order Cod

Total order

ALL PRICES	INCLUE	DE POSTINO	, PACKING	AND VAT		
Credit Card no						
Expiry Date						
	RM TO-	Amiga Fo	rmat,			
SEND THIS FO		D.	.h.li.ahi.a.a.	1 :		
SEND THIS FO	F		blishing		l,	
SEND THIS FO	F	REEPOST	blishing (BS4900 n, Somer)),		
	F	REEPOST comertor	(BS4900)), set TA11		

Customers outside the UK add £4.00 for overseas delivery

AFM/67

☐ Tick here if you don't want to receive special offers from other specially-selected companies.

21

Order hotline. 0793 490988

AMIGA CD ROM TITLES



ADULT SENSATION

Over 3000 AGA pictures of lovely ladies in various poses. Compatible with Amiga & PC. Please quote over 18 when ordering.



Thousands of brand new Amiga software, Games, Demos, Tools are all included.

£19.99



LOCK 'N' LOAD GAMES CD

Over 1,000 top Amiga games. Includes shoot-'em-ups, platformers, puzzle games and loads

£19.99



PROFESSIONAL GIF CLIPART

Over 1,000 brilliant 256 GIF pictures, all subjects included. Compatible with Amiga &

£19.99



Includes all latest Fish discs, loads of tools, graphics, games, Imagine objects and loads more amazing tools. Over 600Mb worth.

£19.99

£9.99



GFX SENSATION

Hundreds of Mb of Amiga raytracing tools and data. Includes over 150Mb of objects for Imagine & Lightwave, as well as hundreds of textures etc. Only £19.99 | NEW!



COVERGIRL STRIP POKER

Play poker with some of the world's most beautiful women, 8 soundtracks and digitised speech make this a super CD ROM title.



HOTTEST 4

Includes over 1200 titles. Games, Demos, Utilities are all included.

£19.99



WS CLIPART CD ROM

Over 25,000 Clipart images, every subject imaginable is included. PS, EPS, IFF, Brush, Coral Draw, Colour IFF, ProClips, Pagesetter, IMG and more.



WS FONTS CD ROM

Thousands of top quality professional fonts. Adobe, Compugraphic, Bitmap, PCX, Coloured, Truetype & Postscript.



SPACE & ASTRONOMY

Over 1,000 superb 256 colour pictures of our solar system. Also includes official NASA documentation dating back to 1962.

£19.99



EUROSCENE

Includes hundreds of stunning new Amiga demonstrations plus source code.

£14.99



MULTIMEDIA TOOLKIT 2

Includes fonts, textures, backgrounds, sound FX, sampled musical instruments and everything else to do with multimedia.

£19.99



LSD COMPENDIUM

Includes the complete set of LSD Legal tools as well as new animations, demos and tools.

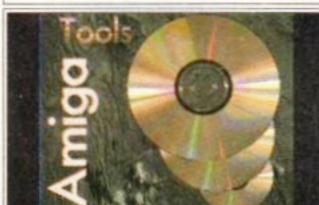
£19.99



ASSASSINS GAMES CD

The complete Assassins games set over 200 games discs on one CD that is more than 700 individual games on one CD.

£19.99



AMIGA TOOLS

Thousands of new Amiga tools. Comms, DTP, Fonts, Directory managers, CAD, CD tools and loads more.

GOLD FISH 1-1000

The complete Fred Fish collection on 2 CDs. All 1,000 discs, all the latest of which can be run directly from CD. Inc. demos, games, Tools, WB stuff, etc.



CD32 LINKUP

Includes around 100 Fish discs, some unreal AGA pictures, tools, Networking tools for connecting Amiga to Amiga or Amiga to CD32. Includes Linkup lead, CD ROM & floppy.



PROFESSIONAL UTILS 1500

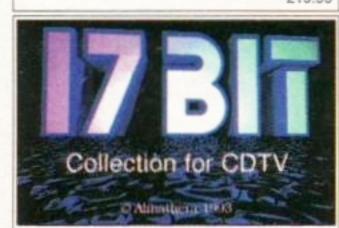
Over 1500 of the very best Amiga utilities. Sound, Animation, Graphics, Comms, CAD, Amos, Astronomy, Virus Killers, Degraders, HD Tools and loads more.



AMOS CD

Incudes every disc drom the Amos PD library. Games, demos, music & tools.

£19.99



17 BIT COLLECTION

A 2 CD set has 1700 DMS'ed disc based titles, hundreds of games, demos, utilities. graphics and music discs.

require a keyboard and floppy drive.

All CDs can be used on a CD32 linked up to any Amiga



17 BIT CONTINUATION

Over 500 archived Amiga discs on one CD as well as 140 Assassins games discs and loads more.



SPECCY SENSATION NEW!

Over 400 Classic Spectrum games on one CD complete with emulators for Amiga & PC. Remember the good old days for just ... *KEYBOARD REQUIRED



SOUNDS TERRIFIC

A 2 CD set of over 1.2 Gig of music modules. Sound FX and instruments. Compatible with Amiga & PC.

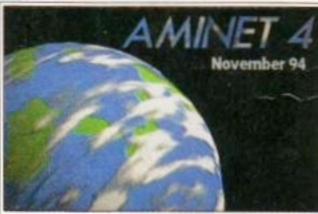
CDPD 2

CDPD 3

AMINET 3 (July '94)

SHEER DELIGHT

ADULT VISION



AMINET 4 NOV '94

Latest version of the Aminet series, includes thousands of tools for Workbench. All archived. (BEST VALUE FOR MONEY). £19.99



FREE BOX OF TEN QUALITY BLANK DISKS WITH EVERY PURCHASE OVER £25



£19.99

£19.99

£19.99

£19.99

£19.99

£34.99

£19.99

£19.99

£19.99

£19.99

Order Value OTHER CD ROM TITLES Ordering by post Simply send us a written order with a list of the discs you require, or simply tick the boxes of the titles you require, fill CDPD 1

Priority Order Form Please not that not all CD titles will work on a standard CD32, some titles

Please send me: OTY =£Other Items =£ Total goods value =£Please add £1.00 P&P per CD in the UK Amount enclosed

MOST TITLES ADVERTISED ARE IN STOCK READY FOR DESPATCH

in your name and address, remove or photocopy this page and send it along with full payment to: Epic Marketing, 138-139 Victoria Rd, Swindon, Wiltshire, SN1 3BU. Collecting discs PD discs can be collected same day, but if your order is quite large, please phone in a few hours previous to pick-up. Overseas Orders Overseas orders are welcome, but please add £2.00 to each title ordered, & a minimum of 5 titles apply Postage & Packing UK. Please add £1.00 per CD in UK. OVERSEAS. Please add £2.00 per CD for 1st class

credit card details and the discs you would like to order (Orders can usually be placed up to 6pm every evening).

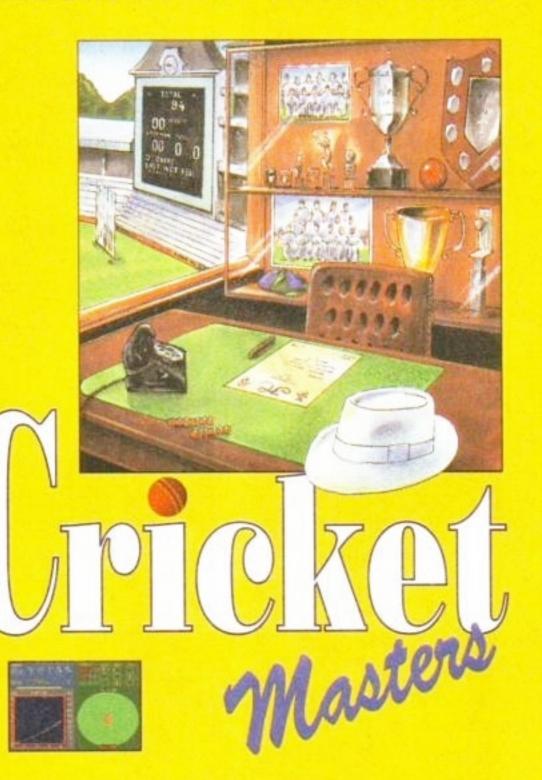
Compatibility
All titles advertised should work on any Amiga unless stated. AGA means that it only works on A1200/A4000. KS2/3 means that title requires an A500+/A600/A1200. Ordering by phone To place an order over the phone simply call any time between 9.30 & 5.30pm Monday to Saturday with your

AMIGA RAYTRACER 1 AMIGA RAYTRACER 2 NETWORK CD & CD32 LEAD MULTIMEDIA TOOLKIT MEETING AT PEARLS SOURCE CODE GIFS GALORE DEMO CD 1 DEMO CD 2 **Epic Marketing** Victoria Centre 138-139 Victoria Rd.

Swindon, Wilts. SN1 3BU.

Sports Management

REALISTIC COUNTY CRICKET GAME



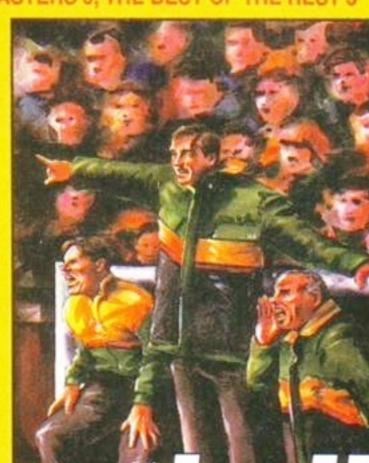
THEY THINK IT'S ALL OVER. IT IS NOW. FOOTBALL MASTERS 5, THE BEST OF THE REST 3



On the hardest level this very realistic simulation will test you to the limit. See if you've get what it takes to master the professional football league managers job using the ricot refreed game available in the world today.

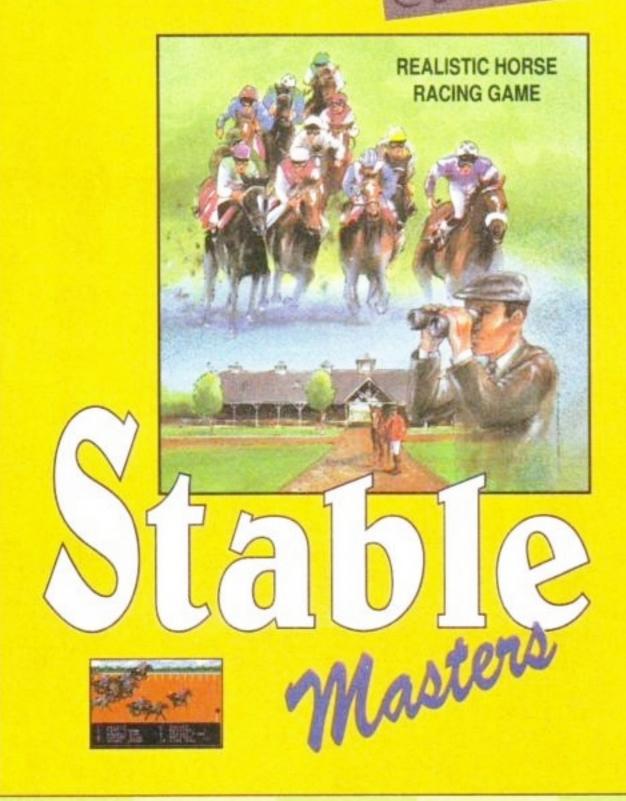
the world today.

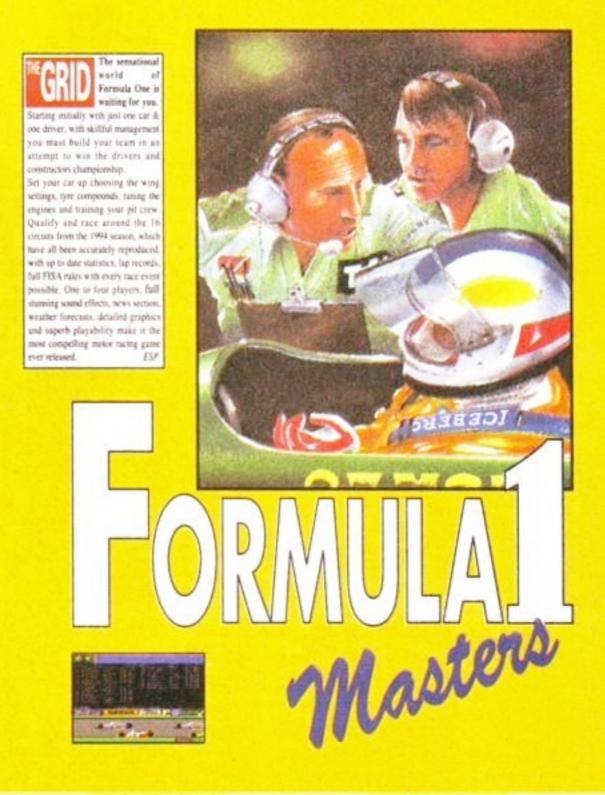
In 1999 E.S.P. were the first company to orate a commercial football management game solely dedicated to the 16-bit computers. Since then, they we been continuously desiring new features with the direct consultation of hundreds of management game fans. This winning combination has created the most accurate representation of what football management is all about. Once you ay it, you'll realise that the rest have merely been following their nameous leads in this field.



The steril







AVAILABLE FROM ALL GOOD LOCAL RETAIL OUTLETS.

If you have any difficulty in finding a stockist please call our office immediately.

NEW TRADE ENQUIRIES ALWAYS WELCOME.

ESP Software. PO Box 557, Southend-on-Sea, Essex, SS1 2NB. England.
TELEPHONE (01702) 434600 FACSIMILE (01702) 613747 AF

- **Maxon takes Cologne** show by storm
- Fish and Richter make show appearance
- Rise Of The Robots TV ad controversy
- **Commodore latest**

PHASE 5 CYBERSTORM

Phase 5 previewed their new CyberStorm 060 accelerator for the A4000. Although not in full production due to difficulties in getting hold of 060 chips, a pre-prod model was being put through its paces. The board produced some incredible results. The texture examples scene supplied with Lightwave took 54 seconds to render compared with the A4000 040's 3 minutes, 42 seconds. An 040 version of the board will also soon be in production as will the latest version of the Blizzard boards for the A1200. UK prices and distributors have not been announced yet, but if you want to find out more call Phase 5 on 01049 69 5481844.

TURBOCALC V3.0

The latest revision of TurboCalc was available - but only in German. This upgrade of the program now has a drag-and-drop feature, more macros, it can link cells of different worksheets, overlay text and diagrams and has even more control of text attributes. TurboCalc will soon be available from Power Computing who can be contacted on 01234 273000.

Computer Show report



Graeme Sandiford reports from the Computer

94 Show in Cologne.

he mammoth Computer 94 Show in November took up two whole floors of the massive Cologne Messe complex and attracted over 25,000 visitors from around Europe, on the Saturday morning alone, all eager to get their mitts on the latest computer hardware and software.

Computer '94 is a multi-format show. However, unlike most other shows, a large number of stands were devoted to serious Amiga products.

MAXON SHOW SENSATION

Although Lightwave is being sold by the bucket-load in the UK, I didn't see a single person with a copy at the show. Instead, one or two copies of Lightwave were sitting untouched on shelves. This is not because the German Amiga-users have no interest in 3D graphics, but because they are buying another product in huge quantities Maxon Cinema 4D Pro 2.0.

I tracked down the Maxon stall to find out why everyone was buying this package, instead of following the trends of the rest of Europe and the States. I met up with the programmer, Philip Losch, and one of the Beta-testers who took me through the features of this incredible program.

One of the best features of Cinema 4D is its interface which combines some of the best features of other 3D packages - and it also only costs 448DM (about £200). You

are given a choice of several views, ranging from the more traditional quad-view right through to a real-time perspective. To keep things easy, virtually all of the program's features are available from the two button banks on the screen.

Cinema has most of the features of Imagine, yet combines this with the ease-ofuse of Lightwave. It doesn't have that many revolutionary functions, but offers a greater degree of control over the usual elements and numerous smaller features.

It can animate textures and materials, so you can animate an object's attributes such as changing fog values over a period of time so it appears to de-materialise. You can also apply bump, transparency and luminance maps and even control the amount of effect a bump has by adjusting a slider so the effect can be subtle or extreme.

VIDEO BLISS

f you are a video enthusiast you'll be glad to know that ProDAD are poised to release ClariSSA 3.0 Professional on to the UK market - you can expect to see it in the next few weeks. It's currently selling in Germany for 449DM, which works out at about £200.

This latest version of the great animation optimiser and editor has a host of new features. Perhaps the most impressive one being an astounding 80% increase in animation playback speed – as if it wasn't fast enough already.

Playback from disk is possible now and new animation tools have been added. And the program has some new effects tools (such as wipes and fades) and a set of anim tools that can be expanded. It is also possible to combine animations even if they are of different

resolutions and colour-depths. Thanks to the program's modular design, you'll be able to add more tools and features as they are released and even create your own. There are loads of other new features and the speed of version 3.0 is guaranteed to amaze.

ProDAD have also been busy updating Adorage and producing a new video titler called the Monument Titler. Adorage 2.5 AGA will sport a host of new effects and will have on-line help through the AmigaGuide format. As with ClariSSA playback speed has been enhanced.

Adorage Version 2.5 now supports more file formats, such as GIF and PCX and can save its animations in a variety of formats. Adorage 2.5 AGA will be available early in 1995 and will probably cost about £100.

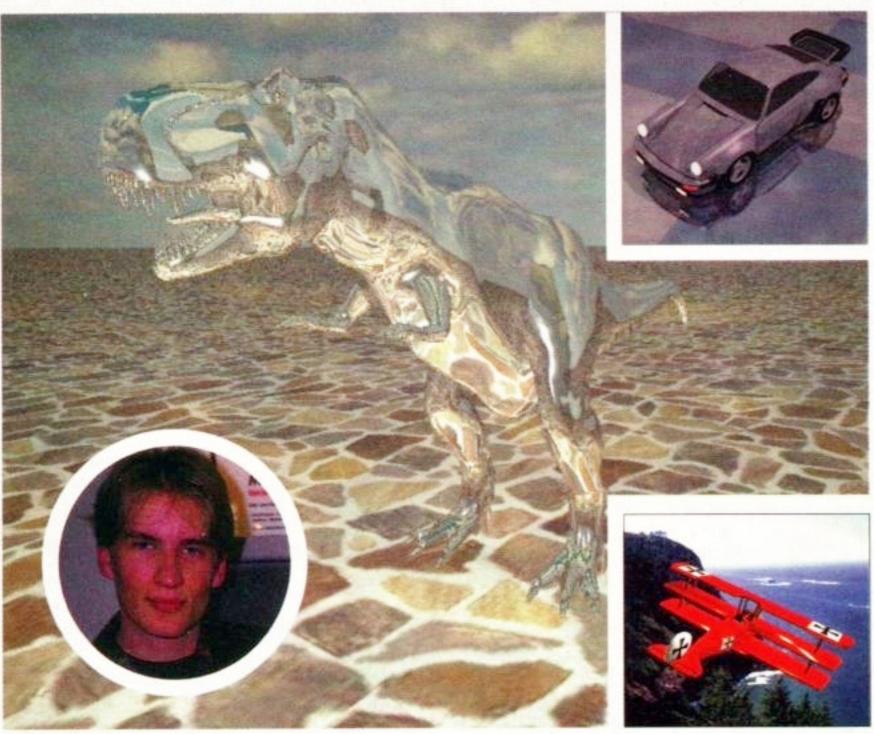
Monument Titler is a new titler that provides all the standard features of a titler and more. It has a variety of built-in effects, text styles and fills and can load



Adorage 2 AGA will soon be updated by Version 2.5 AGA which was previewed at the Computer '94 Show.

CompuGraphic Fonts. It has extensive font scaling and anti-aliasing abilities too. It also utilises the SSA animation format, supports timeline editing and has a versatile scrolling function. Monument Titler should also cost about £100.

ProDAD's current UK distributor is Burgess Video, who can be contacted on 01874 611633.



Maxon Cinema 4D Pro 2.0 programmer Philip Losch with some examples of what the program is capable of. Maxon is incredibly popular in Germany, but will we see it in this country?

In the modelling department, the program can load a variety of formats such as Imagine, Sculpt and DXF. It has extensive modelling tools including splines, morphing, Boolean operators and even a fractal landscape generator. It also has a large number of primitives, which you can add to by using the object library.

The program's Animation Editor is also impressive, like Lightwave it can be used as a key-frame system. However, one of its best features is that you can assign the motions of one object, or group of objects, to another. The program is actually supplied with a mannequin-like (hierarchically constructed for natural articulation) object that can be used to animate your own humanoid models.

Another good feature of Cinema 4D is that you can see a representation of an animated texture's position so you can

easily key-frame its movements on the object's surface.

There are loads more features, but despite being such a powerful and easy-touse package, we may never see a copy over here. The reason is that Maxon are

Cinema has most of the features of Imagine, yet combines this with the ease of use of Lightwave.

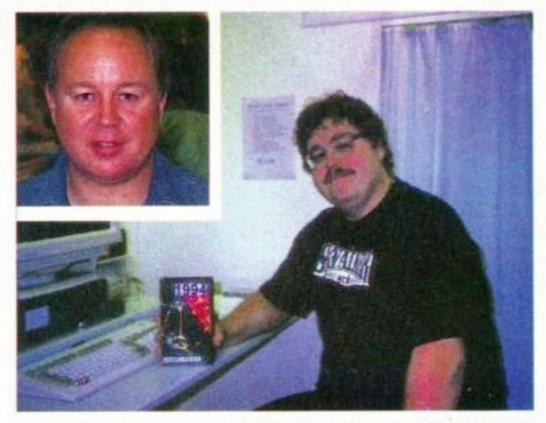
reluctant to commit large sums of money in order to translate the manuals if there is not going to be sufficient demand. So if you would like to get hold of a 3D animation package that combines the best of Imagine and Lightwave, contact Maxon's UK distributors, HiSoft on 01525 718181.

Continued on page 27 ⇒

AMIGA LEGENDS

Tot only did the show attract Amiga users from all over Europe, it was also graced by the attendance of a couple of celebrities. German 3D modeller and animator Tobias Richter and PD and Shareware guru Fred Fish were both present.

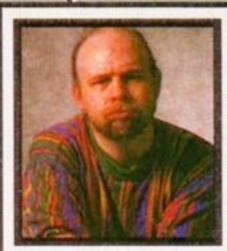
Richter attracted huge crowds on the Maxon stand, where his latest demo tape had everyone enthralled. He also had a selection of objects for sale which included the Millennium Falcon, Seaquest DSV and several other sci-fi-related images.



Two major Amiga personalities turned up at the Show - PD guru Fred Fish (inset) and 3D animator Tobias Richter.

The near-legendary Fred Fish was also on hand, promoting some of his new CDs. He also attracted large crowds, all of them eager to get hold of the latest CDs and, of course, to get them signed by the man himself. Some of the new CDs that were available included Fresh Fish Volume 7, Fresh Fonts, AmiNet 4 and AmiNet Gold.

Jeff Walker Column



here is no excuse for releasing buggy software, no matter what its cost. By buggy software I don't mean software with bugs in - a few bugs can't be helped, as any programmer will tell you - what I mean is software that contains very obvious bugs that cause the

computer to crash and make the software extremely difficult to use - bugs that you know the developers are aware of but have not been able to fix.

Then there's unfinished software. Software which contains bugs not because the developers can't fix them but because they haven't actually finished the software.

have all suffered this type of software, a lot of us very recently with Wordworth 3 and PageStream 3, neither of which is cheap. The instant reaction is anger and the end result is unhappy customers. Even laid back dudes like me who let life flow right over them (man) are left with this little knot in their stomachs which no amount of transcendental meditation and vegetable matter can untie. So why do they do it? Let's try to look at it from their point of view. So this (fictional) company have been developing the new version of their (fictional) software for a year or two. Sales of the current version are tailing off and there is less and less money coming in to the company, while overheads are probably rising.

At some point the person in charge of finances will pull out a cash flow forecast which shows that in six, 12 or 18 months the company is going to have a problem unless there is an injection of cash. So The Powers That Be get their heads together and study the cash flow. They see the simple solution. Come hell or high water their new software must be on sale by a certain date. Then they point a gun at the development team by setting and announcing the launch date.

Now then. It's very easy to say that if the software isn't finished by that date then it shouldn't be released. But in this business deadlines have to be set and stuck to. Leave it to programmers and the wellknown creeping features syndrome will take over; the software will never get finished because someone or other keeps coming up with new ideas and/or new ways of implementing old ideas. And every time you write some new code, another few bugs are born. At some point you have to stop actually developing and start fixing bugs. That's what launch dates force programmers to do. Launch dates force them to eat their greens.

So, when buggy software is released it usually means that they didn't stop developing early enough. They release the software anyway, and then spend the next few months fixing the bugs, normally promising all their customers free upgrades. Sadly, this means paying anything from nothing to a very small amount for shipping, to rather more because "we've added new features as well as fixed the bugs", which is a scam that should be outlawed.

None of the above is an excuse for releasing buggy software, merely one reason why it might happen. And it seems the bigger the program, the more likely it is that the first release of it will be ridden with bugs or unfinished features.

So is there anything we consumers can do about this? Well, yes, there probably is. The problem in the above scenario is the cash flow. If the cash was flowing, the software wouldn't have had to be released so early. So we could help, in the long term, by buying software rather than waiting or taking an illegal copy. Always assuming, of course, that our cash is not going to be used to finance that fleet of Porsches in the car park.

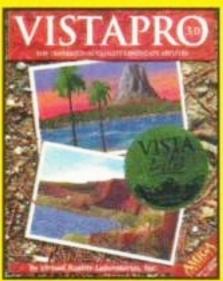
The opinions expressed in The Jeff Walker Column are not necessarily those of Amiga Format.







Emerald Creative Technology



Vitual Reality in your computer! Create landscapes and fly-throughs with Vista Pro, Makepath & Terraform, and explore the night sky with Distant Suns.

£59.95+£4.00p&p

AMIGA-PC UTILITIES

PC Task 3 NEW £59.95

BOOKS

Secrets of Frontier Elite. . . £8.95

A1200 Insider Guide £12.95

A1200 Next Steps £12.95

Amiga Disks & Drives . . . £12.95

Assembler Guide. £13.95

Imagine Hints & Tips.... £7.95

Workbench A-Z £13.95

Mastering Amiga Amos . . £17.95 Mastering Amiga Arexx . . £17.95

MasteringAmiga Beginner £17.95

Mastering Amiga Printers £17.95

Reference £19.95

Tutorial £19.95

Mastering AmigaDosVol1 £19.95

Mastering AmigaDosVol2 £17.95

Amiga Beginner's Pack . . £36.95 Includes A1200 Insider Guide + A1200

Workbench Booster Pack £36.95

Next Steps books, Amiga Insider Video, + 4 disks of shareware

Includes Workbench 3 A-Z Insider

Mastering AmigaDos 3.0

Mastering AmigaDos 3.0

Emulate a windows 3.1 PC, read &

write MS DOS files.

Distant Suns Makepath & Terraform

Vista Pro

Imagine v3

The phenomenal new version of the incredible 3D package from Impulse. New "Bones" feature, great new textures and much more!



£99.95+£4.00p&p



Lightwave £459.95



Brilliance 2 £45.95



Vidi Amiga 12 RT £189.00



A1200 InsiderGuide £12.95



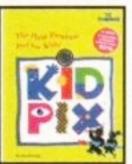
Mini Office £37.95

DISK UTILITIES DirWork 2 £29.99 Directory Opus v4 £29.95 Compresses your hard drive Gigamem £47.50

DITWORK 2 £29.99
Directory Opus v4 £43.90
Disk Expander £29.95
Compresses your hard drive
Gigamem £47.50
Quarterback v6 £29.95
Hard disk backup
Video Back-up System with
Phono cables £54.95
Backs up floppies and hard drives
onto VHS video tapes
Video Back-up System with
Scart cables £57.95
X-Copy Back-up Pro£19.99
Multitasking latest version
AND ADDRESS OF THE PARTY OF THE

DATABASES

Datastore NEW	£49.95
Sbase Pro 4	£139.95
Relational database+Databas	
Management Language	
Sbase Personal 4	. £69.95



Kid Pix £19.95

APPLICATIONS

GB Route Plus	£31.95
Plan your route in the UK	
Mailshot Plus	£35.95
Music Librarian	£19.95
Plants For All Seasons	£19.95

SCANNERS + SOFTWARE Epson GT6500 Scanner £599.00 A4 Flatbed 1200 dpi colour Epson GT6500 Scanner Controller £89.00 Sharp JX100 Driver . . . £89.95

SOFTWARE

DEVELOPMENT

DEVELOPMENT
Amos Professional £29.95
Amos Pro Compiler £24.95
Blitz Basic v2 £49.00
CanDo V2.5 £89.95
Cygnus Ed Prol v3.5 £59.95
DevPac 3 £51.95
Hisoft BASIC 2 £54.95
Pascal£79.95

EDUCATIONAL

Any Fun School 4 £15.99 each
ADI GCSE Maths£19.99
ADI GCSE English £19.99
ADI GCSE French£19.99
Any other ADI Maths, English, or
French £16.99 each
ADI Junior Reading £15.99
ADI Junior Counting £15.99
Kid Pix £19.95
Merlin Maths £16.99
Paint and Create £16.99
Spelling Fair £16.99
Noddy's Playtime £16.99
Noddy's Big Adventure £16.99
LCL Micro English £16.99
LCL Micro French £16.99
LCL Micro German £16.99
LCL Micro Science £16.99
LCL Micro Spanish £16.99

LCL Micro Spanish £16.9
FINANCE MANAGEMENT
Cashbook Combo £59.9
Day By Day £24.9
Digita Home Office NEW. £44.9
Money Matters £34.9
Personal Finance Manager Plus
Keep track of your cash £28.9
System 3E £49.9
Turbocalc NEW £49.9
Spreadsheet

INTEGRATED	SOFTWARE
Mini Office	£37.95
WP, spread sheet an	d database

IMAGE PROCESSING ART DEPARTMENT v2.5 UPGRADE £39.95

Art Department Professional v2.5 ONLY £139.00

AD Pro Conversion Pack, £59.99 Caligari 24 £89.95 Caligari Broadcast v3.1 . £249.99 Doug's Pro Control £50.95 Imagine 3 £99.95 Lightwave £459.95 Morph Plus £129.00 Essence vol 1 + Forge . . £79.95 Essence vol 2 + Forge . . £79.95 Pixel 3D Pro. £59.00 Create 3D images from 2D Real 3D Classic £69.95 3D rendering, ray tracing Real 3D V2.4 £299.95 Professional 3D rendering X-CAD SPECIAL OFFER

LIMITED TO JUST 95 COPIES OF X-CAD 3000.

X-CAD	2000						£39.95
X-CAD	3000	+					£119.95

MUSIC

BARS & PIPES PRO V2.5

BARS & PIPES PRO V2.5
The latest version of the most
comprehensive sequencer on
any platform. Contains 50 new
features.
Upgrade v2 to v2.5 £79.95
Bars&Pipes Pro v2.5 £199.95
Creativity Kit £24.99
Internal Sounds£24.99
Multimedia Kit £24.99
MusicBox A or B £24.99
Peformance Tools Kit £29.99
Power Tools Kit£29.99
Pro Studio Kit £29.95
Rules for Tools £29.99
One Stop Music Shop . £479.99
PatchMeister£79.95
Patch librarian for MIDI, drivers for
many sound modules Sysex dumps
SuperJAM! v1.1+ £59.95
Easy way to make music!
SyncPro £151.95
SMPTE Time Code reader and writer.
Triple Play Plus £159.95
3-out MIDI interface
Pro Midi Interface £19.95
Megalosound Sampler £23.95
Deluxe Music v2 £69.95
Technosound Turbo 2 £25.95

PAINT

BRILLIANCE 2

THE FANTASTIC NEW VERSION
OF DIGITAL CREATION'S
PREMIER PAINT PACKAGE

Brilliance 2				£45.9	95
Deluxe Paint 4.5 AC	A£			£59.9	95
TV PAINT v2			£	169.9	90

All Prices Include VAT

WORD PROCESSING & DTP

New Wordworth 3.1 SE Special Offer

LIMITED STOCK £44 95

ERMITED D	' 4	-	_		•	-	-	•	I.	00		
Final Copy 2.										£47	.9	5
Final Writer 3										£69	9.9	5
Pen Pal										£29	0.0	0
TypeSmith 2.5									£	118	3.9	5
Pagestream 3									£	199	9.9	5
Wordworth 3.1	S	BE	:							£44	.9	5
Wordworth 3.1										£99	.9	5
Personal Fonts	S	N	1a	ak	e	r				£39	.9	5

VIRTUAL REALITY

THE RESTRICTION OF THE PARTY AND ADDRESS OF TH
Distant Suns v5.0 £27.95
Vista Pro 3.0 £27.95
Vista Lite (only 2mb req) £27.95
Makepath for Vista £9.95
Animate a path in Vista
Terraform for Vista £9.95
Change landscapes

VIDEO PRODUCTION

BROADCAST TITLER 2 SPECIAL OFFER

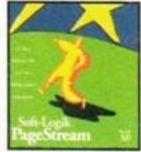
TUST A FEW LEFT AT £99.95

JUST A FEW LEFT AT £99.95
Big Alternative Scroller 2 . £49.9
Helm£89.9
Montage 24£259.9
Scala HT100£49.9
Scala MM211 £139.9
Scala MM300 £289.9
Scala Echo EE100 £132.9
Media Point v3 £249.9
VIDEO HARDWARE

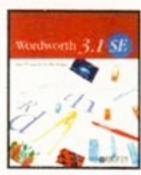
The state of the s
Editmate £179.95
Control video from Amiga, add sound
via the mixing board
Pro Grab 24RT £129.95
Video Back-up System with
Phono cables£54.95
Backs up your floppies and hard dri-
ves onto VHS video tapes
Video Back-up Scart £57.95
Vidi Amiga 12 AGA £69.95
Grabs full colour images from video
source in under a second
Vidi 12 Real Time £139.00
Vidi 24 Real Time £219.00
Rendale 8802 Genlock . £159.95
Rendale 9402 SVHS £279.95
11011daio 0402 04110 £2/9.95

HARDWARE

Tabby Graphics Tablet £49.95
Power Floppy Drive £49.95
PC880E Economy Internal
Floppy Drive £39.95



Page Stream 3 £199.95



Wordworth 3.1 SE £44.95



Essence & Forge £79.95



Hisoft Basic 2 £54.95



TurboCalc Spreadsheet £49.95



PC Task 3 £59.95

How to order: Cheques made payable to Emerald Creative. Allow at least 5 working days to clear.

CREDIT CARD: Visa, Mastercard, Access, Delta, Switch. We bill your card when we despatch the order not before.

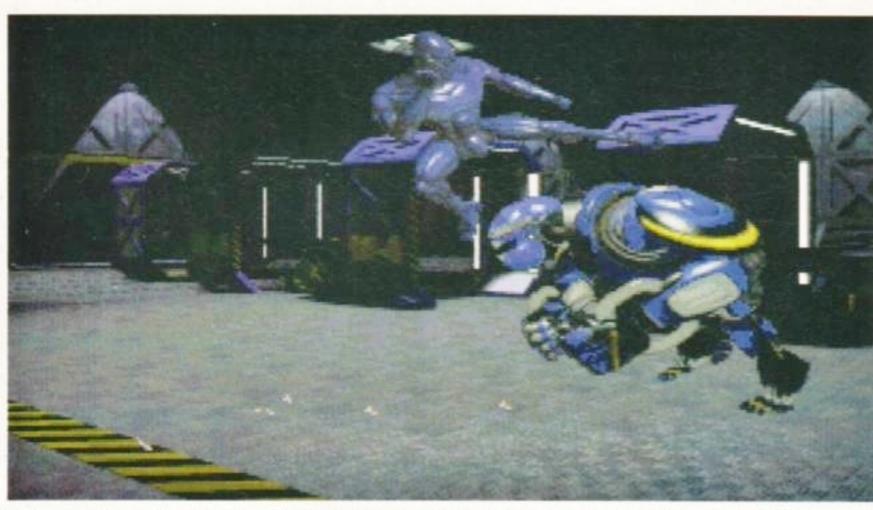
Postage & Packing: Charges within the UK are £3.50 unless otherwise stated. Recorded post is an extra £0.55p.

Next day courier is £4.95 inc. VAT within the UK mainland. Please ask for overseas pricing.

Pricing: All pricing includes VAT but not carriage. We reserve the right to change prices - you will be informed of any change when you order. Problems: Faulty product will be replaced or repaired if returned within 30 days of purchase. We will refund if we can't repair the goods. E&OE

Tel 0181-715 8866

Fax 0181-715 8877 Rapid House, 54 Wandle Bank London SW19 1DW



Time Warner's tough-talking ad for Rise Of The Robots has incurred the wrath of TV watchdogs.

Robots ad banned from kids' TV

he television advertisement for Time Warner's Rise Of The Robots has been KO'ed by the **Broadcast Advertising** Clearance Centre, the association responsible for vetting television advertisements. BACC took particular exception to a scene in the ad in which an imposing military droid from the robot

combat beat-em-up taunts the audience with the line 'are you religious?'.

As a result of the Broadcast Advertising Clearance Centre ruling, the Rise Of The Robots advertisement has been banned from being transmitted during all religious broadcasts and children's programmes although it can still be transmitted during less sensitive time slots.

All the latest news and inside stories from the world of Amiga games: the roughs, the rises and the robots...

The 60-second commercial features a Mary Whitehouse-like figure complaining about computer games and extolling the virtues of the innocent pastimes enjoyed by her generation's youth.

Black and white 1950s images are suddenly shattered as 3D-rendered droids from the game crash into each scene accompanied by such headlines as 'you can't dance with broken legs!'.

"This advertising campaign has been designed to make people sit up and take notice," commented Time Warner spokesman Jeff Tawney.

"We've combined some amazing graphics from the game with really aggressive and humorous captions. If some people find it offensive, that's tough. Our customers love it!"

 Turn to page 70 to find out why we gave the much-hyped Rise Of The Robots a miserable 19 per cent.

NICE PIECE OF CLOTH



Vileda have stepped into the age of information technology with the launch of their new hi-tech Microclean cloth, a safe. economical and easy way to clean computer monitor screens. Using leading edge microfibres. Vileda's new Microclean cloth has been specifically designed for cleaning monitors and, as a result, does not require expensive chemicals - simply wet the Microclean cloth and drag it across your monitor screen and Microclean lifts dirt and grease without scratching.

Pussy power

D ussies Galore, Amusing title, eh? It's a platform game and it belongs to Wakefield funsters Team 17 and involves heavy metal music, cats, four worlds, missions galore and a plethora of kittens. Scheduled for release in March, it will be making an appearance on the A1200 and CD32.



Kick Off 3 European Challenge boasts 120 European league teams.

Vulcan Software's follow up to Valhalla is the suitably-titled Valhalla Before The War. Apparently, The Lord Of Infinity has been jealous of his brother Garamond (who wouldn't be jealous of a chap with such a fine moniker?), The King Of Valhalla, for simply an age. As Infinity's mentor, your task is to murder old Garamond. There are four huge levels, characters aplenty and lots of speech. And January is the time of arrival.

Frontier: Elite ll was a popular game. So popular in fact that a sequel is planned. Called Frontier: First Encounters, the action takes place in an allegedly astronomically-correct universe, and in 'full 3D'. What's half 3D? So in the early part of 1995, many of you will be flying through space, trading and battling with aliens. Although you'll still be in your bedroom. For A1200 and CD32 only.

'Turbo charged' screams the press release. The new Kick Off 3 European Challenge has few motor vehicles but it does have 120 teams, each with different styles of play. Spanish, French, German, Italian and English leagues are included plus all the World Cup teams. The teams play in different ways, so the Spanish have flair, the Italians are defensive and the English are Well, it doesn't say on the press release but they're probably reasonable. Out soon.

ZEEWOLF NOT WORKING?



If you have a certain type of disk drive, this is exactly the sort of scene you wouldn't have seen with our demo of Zeewolf.

The demo of Zeewolf on AF66's Coverdisk has upset some of the disk drives out there in AF reader land. Binary Asylum's special loader conflicts with some of the drives installed in A500s, A600s and A1200s.

Binary Asylum insist that this problem only occurs with a few of the first games mastered: the fault has been eliminated from later batches, so don't worry about the full game not working on your machine if the demo refused to load.

Similarly, if you've bought the full game of Zeewolf and it won't load, send it back to Binary Asylum and they'll personally re-master your disk. Faulty disks (minus the packaging) should be sent to: Zeewolf Returns, Binary Asylum, 28 Brock Street, Bath, Avon BA1 2LN. Or: Zeewolf Returns, Empire Software, 677 High Road, North Finchley, London N12 0DA. Do NOT send faulty Coverdisks, as they'll just send them straight back! Bad Coverdisks should be returned to: DisCopy Labs Ltd, PO Box 21, Daventry, NN11 5RT. By the time you read this, a fixed demo will be available - but bear with us, eh?

PAPER LEMMINGS

Still struggling to complete Psygnosis' Lemmings? If so, then Kuma's new book Lemmings: The Solutions, is for you. The book guides you through each level to uncover paths where few lemmings have gone before. Kuma are on 01734 844335.

BIG FES HELLO

A big AF 'hello' goes out to Team Lee who hassled us at the FES. Hil



Tim Smith Column



o a hacker has done something so hideous, so dangerous and so nationally threatening that I can't bring myself to fully comprehend the nature of his or her crime. Yes, a hacker has given The Independent a frontpage lead news story by nicking passwords from walls where

they had been top-secretly pinned. Steve Gold and Robert Schifferen (anybody remember the great Prince Philip hack?) would have been proud of them.

Well have I got news for you, get ready tabloids, this is tomorrow's lead...

Hackers with Amigas and 2,400 modems had nothing to do with the BT hack. Neither was the hack due to incompetence, laziness, or a sense of technology at BT that was buried everywhere else when the Model T came off the production line. Nope, the whole thing was an open information endeavour on the part of BT.

Yes that's right, having seen that ordinary people using Amigas can get on-line information from NASA, AT&T, Bell, CERN in Switzerland, the Library of Congress and Andrews Airforce base among others, BT - in a top level meeting in the pub - decided that it would be the first UK company to throw itself open to the freedom of information on the Internet.

Noticing that, while you can E-mail President Clinton, you can't even phone John Major, BT nailed its colours to the mast (after redesigning the colours and the mast at a massive cost) and has stated in an internal memo the following staff guidelines:

Passwords: these should be clearly written and available at all times especially to temporary staff who might not know the names of senior management's children/dogs/favourite football team/player.

Passwords should not contain numbers as these can be confusing.

Terminal access: after sending out the red bills please remember to leave, in plain sight, the numbers (both data and speech) of at least one top secret government establishment on-screen. This is essential to smooth billing and freedom of information.

Unauthorised personnel: unless otherwise unauthorised by the unauthorised personnel authorisation officer, all personnel are authorised.

Confidential telephone numbers: we cannot reinforce the fact that phone numbers for Mr and Mrs Major, Messrs Clarke, Portillo, Lilley, Hurd and Edmonds are not to be left lying around where they might be left out of the next issue of the Yellow Pages. The same applies to their E-mail addresses. It is essential that the general public have access to these people, after all, we are at the cutting edge.

Finally, remember, it's good to talk.

Okay, so this little bit of humour might seem unrelated to the Amiga and its myriad uses, but think again. Armed with a £399 machine, a £150 modem, TCPcompatible software and a phone line, you really can garner information from all over the world.

Hence the recent furore kicked up by BT's utter incompetence at keeping things secret. The question that nobody seems to have asked however, is why is this information secret in the first place?

Hacker paranoia makes a good cheap story based on a 'digital underground'. But the majority of the people using the Net - a huge chunk of those are Amiga users can be trusted, don't want to overthrow nations, and are now used to accessing sensitive areas in other major Western powers except this one. Hey, is it good to talk.

Tim Smith can be contacted on tsmithhb@cix.compulink.co.uk and timbo@gashead.demon.co.uk

The opinions expressed in The Tim Smith Column are not necessarily those of Amiga Format



New Aiwa CD-ROM

eading hi-fi manufacturer Aiwa have taken the first tentative steps into the computer scene with the launch of a new external SCSI CD-ROM drive. Priced at £249.99+VAT, the new ACD-300 has been designed to appeal to the home crossover

market - people who want to use the drive for **CD-ROM** applications but also want to use it as a conventional audio CD player too.

The ACD-300 offers double-speed operation

and full multisession support (making it fully PhotoCD-compatible) and it can be connected to any Amiga equipped with a SCSI interface and the appropriate driver software. Aiwa can be contacted on 0181 897 7000.

Above: The jukebox CD-ROM drive from Nakamichi. Left: The ACD-300 external

SCSI CD-ROM drive.

Hot on its heels is a new 'jukebox' CD-ROM

drive from Nakamichi. Retailing for £299+VAT, the seven-CD drive uses a 'musicbank' mechanism which allows up to seven CD-ROM discs to be loaded into the CD-ROM drive at any time. Give Nakimichi a call on 01932 562000.

Squirrel SCS12

The A1200 is a phenomenally popular computer, but one which has so far lacked a decent SCSI interface. This is set to change with the release, from HiSoft, of the Squirrel SCSI2 interface.

The unit, which plugs into the PCMCIA slot on the A1200 (or the A600), will enable the connection of up to seven SCSI or SCSI2 devices, ranging from hard-drives to CD-ROMs, SyQuests and tapestreamers.

The Squirrel will be bundled with a whole host of SCSI utilities for playing audio CDs, sampling CDs direct to hard disk and even allows compatibility with the CD32, so that many CD32 games such as Diggers, Liberation and Pinball Fantasies can be run when coupled to a suitable CD mechanism.

Previously, the PCMCIA slot has been considered too slow for use as a SCSI interface, but the Squirrel can apparently achieve speeds of up to 1.2Mb/sec on a

standard A1200 and in excess of 3Mb/sec on a 68030 accelerated machine.

The Squirrel will be supported by a range of peripherals from HiSoft, including double-speed and quadspeed CD-ROM drives and SyQuest drives as part of the Squirrel Storage Systems range.

The interface was the subject of a competition, in the form of an advertisement which appeared in a recent edition of Amiga Format. The clues were: "the Squirrel Can Suss It" (SCSI) and "no idea" (No IDE). If you guessed the correct solution, you may win a Squirrel SCSI interface and a Squirrel Storage Systems quad-speed CD-ROM drive. The winner will be notified shortly, and if you got the right answer, you are in with a good chance.

The Squirrel will be released at the amazingly low price of £69.95. For further details contact HiSoft on 01525 718181.

The electronic age

All this E-mail is wonderful stuff, and we are very happy to receive your messages in this way, because let's face it, it's much easier and often cheaper for everyone. However, rather like the ordinary mail, it is very important that you address E-mails to us properly.

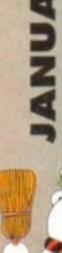
The correct E-mail address for Amiga Format is amformat@futurenet.co.uk. This is not it though. In the subject line of your message, you MUST include one of the following key words:

Workbench - for technical questions. Mailbag - for letters to the editor.

Games - for Helping Hand and GameBusters.

Competition (xxx) - for a compo entry, where xxx is the name of the competition Queries - for problems related to subs and mail order.

If you do not address your mail in this way, there is a fair to middling chance that it will get lost and/or never read at all. If you do address your mail properly, you will get an automated reply letting you know we have recieved it. Usually E-mail is not answered personally, but through the pages of the magazine.





28



HARD DRIVES

SCSI/IDE HD'S

All our hard drives come complete a 12 month guarantee with fitting cable, screws, partitioning software and full instructions.

2.5" IDE HARD DRIVES

80MB HARD DRIVE £139.95 120MB HARD DRIVE £159.95 170MB HARD DRIVE £219.95

3.5" SCSI/IDE HARD DRIVES

270MB HARD DRIVE	£199
350MB HARD DRIVE	£239
540MB HARD DRIVE	£279
IGB HARD DRIVE	£639
2 GR HARD DRIVE	£1000



M-TEC EXT. HD

The AT-500 IDE external hard drive for the A500, comes with an internal ROM socket so you switch between a 2.04 and 1.3 ROM without having to open your Amiga casing.

AT-500	BARE	£99.95
AT-500	360MB HD	£259.95

VIDEO BACKUP 3.0

BACKUP FEATURES

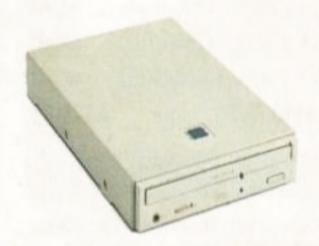
Innovative product that allows you to backup your software onto a VHS cassette. You can now fit up to 520MB on a four hour tape. The award winning Video Backup System now has new backup modes for Amigas with a 68020 or a higher CPU, a new user interface that also runs on the Workbench screen, a two times speed improvement over Version 1.5, data compression over three times faster than Version 1.5 and you can also watch television on your 1084s monitor!

VIDEO BACKUP SCART

VBS	SCART VERSION	665
VBS	PHONO VERSION	£60
VBS	V3.0 UPGRADE	£20



CD-ROM DRIVE



OVERDRIVE CD

This external CD-ROM drive comes with the following features: PCMCIA interface, Doublespeed drive, Emulates CD32 CD-ROM device, Multi session and PhotoCD compatible.

OVERDRIVE CD-ROM	£199
AMINET 3 SHARE	£10
MEETING PEARLS	£10
GOLDFISH	£25
FRESH FISH 6	£25
AUDIO RESOURCE	£23



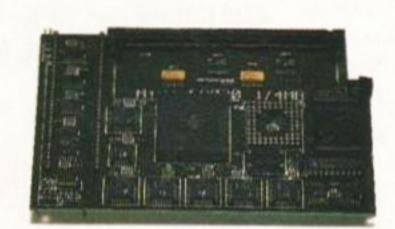


OVERDRIVE HD

This external PCMCIA Hard Drive allows you to fit a 3.5" IDE hard disk and included in the pack is the installation software which allows you to configure the drive to your own needs.

OVERDRIVE HD BARE £99 OVERDRIVE HD 360MB £259

68020 A500/RAM



68020 A500

Full 68020 processor with MMU Works with all A500's including A500+ Optional 68881 or 68882 FPU (PLCC or PGA) Up to 8MB additional FAST RAM No soldering required Fully auto-configuring Most programs speed up by 300% Supports Motorolla cache system

68020	A 5 0 0	BARE	£99.95
68020	A500	4 M B	£239.95
68020	A500	8 M B	£399.95

Supports Kickstart remapping, disable jumper



A500 2MB RAM

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM £89.95



AWARD winning PRODUCTS

44a/b Stanley St. Bedford MK41 7RW



telephone 0234 273000 facsimile 0234 352207

Delivery next day £5 2-3 days £2.50 Saturday £10 Deliveries are subject to stock availability

Cheques payable to Power Computing Ltd

Name

Address

Postcode

System owned

Telephone

Description

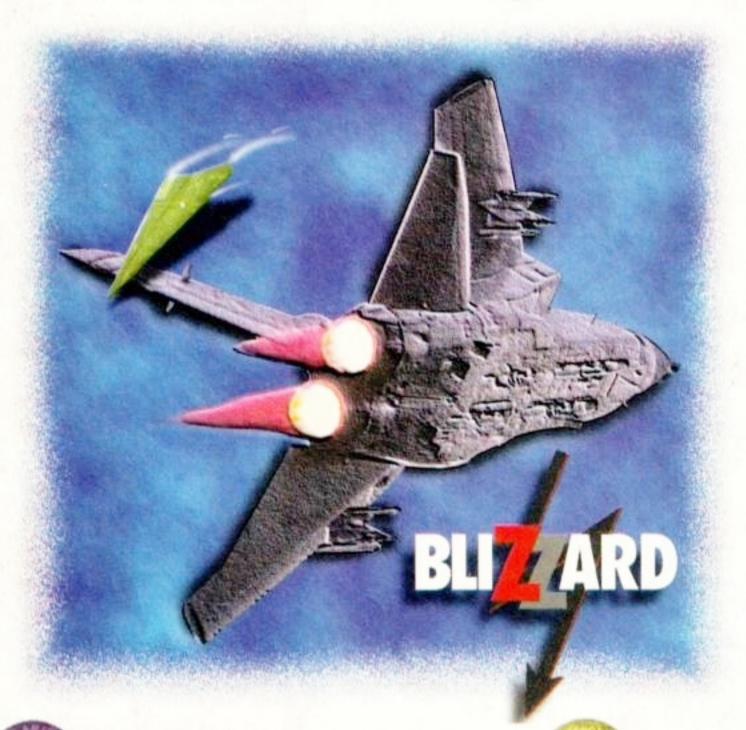
Cheque/PO for £ allow upto 7 days to clear

Credit card No.

Expiry date Sign

All prices include VAT. Specifications and prices are subject to change without notice, all trademarks are acknowledged. All orders in writing or by telephone will be accepted only subject to our terms and conditions of trade, copies of which are available free of charge on request.

Flight of fantasy?



No...with a Blizzard your Amiga will fly!

If you've ever sat and waited for your Amiga to catch up, you'll know that an extra boost of power would be just the ticket.

But, the only problem is the cost... isn't it?

Well not any more. When you compare our cost per MIP with other boards you'll be surprised at just how little you'll have to pay to enhance the performance of your Amiga computer.

Then, the sky's the limit!

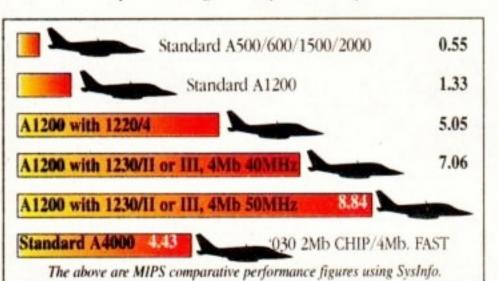
BLIZZARD 1220/4, 4Mb TURBO

The BLIZZARD 1220/4 TURBO MEMORY BOARD is the successor to the 1200/4 award winning unit. This exciting second generation product surpasses the performance of even *that* successful expansion module. Of course 1220/4s incorporate everything that a good memory expansion should, such as a Real Time Clock, further RAM expandability, optional FPU etc. as well as offering a Clock Speed Doubling Circuit which runs the 32 Bit FAST RAM at an amazing 28MHz. Not only does this latest model give Amiga A1200 owners all this, but the selling price has broken the sound barrier too!

£229.95
£169.95
&Call
&Call

The Blizzard Performance Advantage...

Just look below to see how well your Amiga really could fly!



Blizzard products are distributed by ...



BLIZZARD 1230 TURBO ACCELERATOR RANGE including the NEW 1230-III

High performance 68030 accelerators for Amiga A1200 computers. With its two SIMM sockets and two FPU sockets, the 1230-II has a slightly higher spec. than the new economically priced 1230-III which has just one SIMM socket and one PGA type FPU socket. Both offer either 68EC030 40 MHz, or high end 68030 50MHz (which incorporate MMU - Memory Management Units) versions. The new 1230-III brings the same power to the Amiga A1200 as the acclaimed 1230-II, but at a price that's bound to take off!

£189.95	Motorola FPU 68882 PLCC 25MHz (1230-II)	&Call
£229.95	Motorola FPU 68882 PLCC 33MHz (1230-II)	£ Call
£229.95	Motorola FPU 68882 PGA 25MHz (1230-II/III)	&Call
£299.95	Motorola FPU 68882 PGA 33MHz (1230-II/III)	&Call
&TBA	Motorola FPU 68882 PGA 50MHz (1230-II/III)	&Call
£89.95	4Mb SIMM RAM Expansion 32-Bit, 72 pin	£129.95
	£229.95 £229.95 £299.95 £TBA	£229.95 Motorola FPU 68882 PLCC 33MHz (1230-II) £229.95 Motorola FPU 68882 PGA 25MHz (1230-II/III) £299.95 Motorola FPU 68882 PGA 33MHz (1230-II/III) £TBA Motorola FPU 68882 PGA 50MHz (1230-II/III)

FASTLANE Z3 SCSI Controller

Lightning FAST DMA SCSI-II interface available now for all Amiga A4000 owners. The only IDE answer with expandability up to 64Mb. of 32Bit Fast RAM. Does not require 'Buster Chip' upgrade. Use with hard drives, CD Rom etc. **PHONE US!**

YOUR ORDER TODAY:

BLIZZARD 4030 BOARD

Great 68030 accelerator for your A4000. Available in either 40MHz or 50MHz versions. Completely replace the A4000 CPU. Up to 28Mb. RAM expansion, built-in MMU with FPU option. Gives approx. 50% overall performance increase. PHONE US!

NEW... CYBERSTORM 040/060

Modular accelerator for the 4000. 68040/40 MHz CPU - approx. 4 times the performance of standard A4000/040 (82 Mips @ 50MHz). Expandable to use 68060/50/60 and 66 MHz chips due soon giving up to 10 x performance gain over standard **PHONE US!**

Mr/Mrs/Miss/Ms:	Initial(s):	Surname:
Address:		
County (Country)		Postcode:
Daytime Phone		Evening Phone:
Goods required:		Card holder's signature:
Card No.:		

31

The long-running Commodore Saga continues...

nd so it goes on. At the time of writing, Commodore International Ltd has now been in a state of receivership for exactly seven months.

But, thankfully for all of us, the takeover now looks to have boiled down to a two-horse race between the Commodore UK management buy-out team and Creative Equipment International (CEI), who are the major distributor of Commodore products in the US.

Since the announcement of the MBO, David Pleasance and co have continually claimed to be in pole position with the receiver. However, claims by CEI have suggested that it may not be as clear cut as that.

In a recent conversation, Alex Amor, president of CEI, stated that they were so optimistic of winning the battle for the Amiga, that their production partner was already tooling up ready to begin production of A1200s, A4000s and CD32s, saving them 35-40 days once the relevant documents had been signed.

A few weeks ago industry paper Computer Trade Weekly reported that CEI had made a firm bid for the Amiga, and that the company claims to have reached a "tentative agreement" with the receiver to purchase Commodore's assets.

CEI are said to have made a cash bid. including a non-refundable deposit in the order of \$1 million which guarantees Commodore's creditors against any

reneging on the proposed buy-out. Assuming this to be the case, the whole proceedings will now go to a court hearing where Commodore's creditors will decide which bid to accept.

However, this claim has been denounced by David Pleasance as "horseshit". "We are in pole position," he continued. "The receiver has been in touch with me to let me know that nothing has been agreed."

Now we're in the position where Amor suggests that CEI's deal should be closed by the beginning of December, while the MBO team expect to announce their successful take-over of Commodore before Christmas. So will the real owners of the Amiga please stand up?

NEW CD RANGE

Multimedia Productions (Entertainment) Group (MPEG to its friends) are planning to launch a range of new FMV VideoCDs. MPEG's titles will be launched through three labels - The FMV-compatible Heatwave (for adultsonly) and Funtime (for kids aged 3 plus) and the normal CD-ROM Virtual Products (Shareware CD-ROMs), all of which should retail for no more than £19.99. Contact MPEG on 01924 457138.

BLURRY MAGIC EYES

JCA Europe Ltd have launched a new 3D stereogram image program. StereoCAD (£29.95)automatically creates a stereogram from any image you feed it. Contact JCA on 01734 452416.

VIDEO WITH PIZAZ

Amiga video nuts can add a sparkle to their video productions with VideoFX's new video titling package, Pizaz - a modular video titling system which offers extensive scrolling and animation facilities via an objectorientated scripting board. Pizaz costs £49.95 and is available from VideoFX on 01443 674385.

SCOTTISH PD Amiga users in Edinburgh can now buy PD software over the counter thanks to a deal between DataSoft PD and local store Aim Computers. Aim (65 Duke Street) will be selling DataSoft's full range of Amiga and PC Shareware software. .

PC EMULATION SENSATION

Amiga owners wanting to run the wide range of serious applications available for the PC can experience the delights of MS-DOS and Windows thanks to Meridian Software's new PC Task 3.0. Retailing for £79.95, PC Task 3.0 is a software-based PC emulator which supports the 8086 and 80286 processors, up to 16Mb RAM and a wide range of PC screen modes, including VGA and SVGA with up to 256 colours on screen when run on an AGA machine. Meridian are on 0181 543 3500.

WIZARD GET ON LINE



The Sportster 28,800 baud modem from US Robotics. Faste than the rest?

There's never been a better time to ride the information superhighway thanks to Wizard Developments' (01322 272908) new range of lowcost X-Link modems. Available in either 14,400 baud V.32bis ormat (£139.99) or high speed 28,800 baud V.Fast ormat (£249.95), both modems provide full support for Class 1 and 2 plus group 3 fax capabilities. And both modems are fully

US Robotics hope to capture a slice of the V.Fast modem market too with the launch of their new Sportster 28,800 modem. Retailing for £299, the modem is being pitched at the serious Internet surfer who wants to go faster than the rest. US Robotics can be contacted on 01753 811180.

PHOENIX NO MORE

If you've been tempted to order something from Computer World (formerly trading as Phoenix Computer Supplies) then don't because they've gone into liquidation. If you have placed an Order through AF with Computer World that has not been honoured, contact Poppy Forer on 01225 442244.

WEIRD CDS

Last month we quoted Almathera Systems as the supplier of the CD-ROM title Multimedia Toolkit when in fact it should have been credited to Weird Science who can be contacted on 0116 234 0682. Other titles available from Weird Science include Sounds Terrific, the AMOS CD and their equally brilliant font and clip art collections.

Stars in their eyes

Prolific printer people Star Electronics (01494 471111) have I unleashed three new low cost dot matrix printers on to the market. The cheapest, the 9-pin LC90, retails for £129.

All three printers come with automatic sheet feeders, low noise technology and - to help you get up and running - a dedicated Amiga printer drivers' disk which can be obtained from Star at no extra cost. The range starts with the LC90, a 9-pin mono dot matrix printer which retails for £129. If you need something a little more advanced, the next printer in the range is the LC-240, a 24-pin mono printer which costs £20 more. Finally, there's the LC-240C, a colour version of the LC-240 which, once again, costs £20 more than its little brother, the LC-240.

A FEW WORDS ABOUT SHOWER AND POPPER



Here at Amiga Power, we have selflessly sacrificed our own Christmas to ensure that yours is as happy as possible. We have reviewed games until the joysticks fell from our shaking hands. We have lain awake for night after night, deliberating over which ones we should recommend to you. We have typed till our fingers bled in producing our enormous Christmas Present Guide. We have ALMOST KILLED OURSELVES to

bring you three fantastic coverdisks featuring Cannon Fodder 2, Powerdrive, Overlord, Super Stardust and Gunfighters. You can, at the very least, in a token display of gratitute, pay £3.95 for the magazine we have created for you. To do any less would be barbaric.

Jonathan Davies, editor, Amiga Popper



Space may be the final frontier, but how will you get there if you can't build a spaceship? Cunningly tucked behind this month's cover you'll find an article by Mojo of Foundation Imaging, the people behind the stunning graphics of Babylon 5. Let Mojo show you how to create your own Intergalalctic battle fleet!

You'll also find our supertest of Amiga music programs. Plus we have

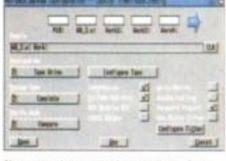
the usual collection of revealing reviews, titillating tutorials and Amiga Answers to stop those tears of frustration. Can you live with yourself if you miss it?

Richard Baguley, editor, Amiga Shower





The key to ease-of-use lies in elegance of design. Ami-Back Tools allows you to operate a host of advanced capabilities through an extremely intuitive user interface.



No matter what your backup needs are, Ami-Back gives you the power to get the job done with an ease-of-use that is unsurpassed by any other backup program on the market.



Ami-Back Plus Tools has a graphical scheduler to automate backing up your data and maintaining your disk drives. Plus Tools gives you unprecedented freedom from your computer

AMI-BACK *TOOLS

is the solution for your data backup and hard disk maintenance needs!

Included in this package is both the complete Ami-Back and the complete Ami-Back Tools.

Both powerful and flexible, Ami-Back gives you complete control over the backup process, while Ami-Back Tools makes the job of optimizing your disks for speed or recovering lost files a snap.

Here are some of the reasons why Ami-Back Plus Tools is the All-In-One solution for you:

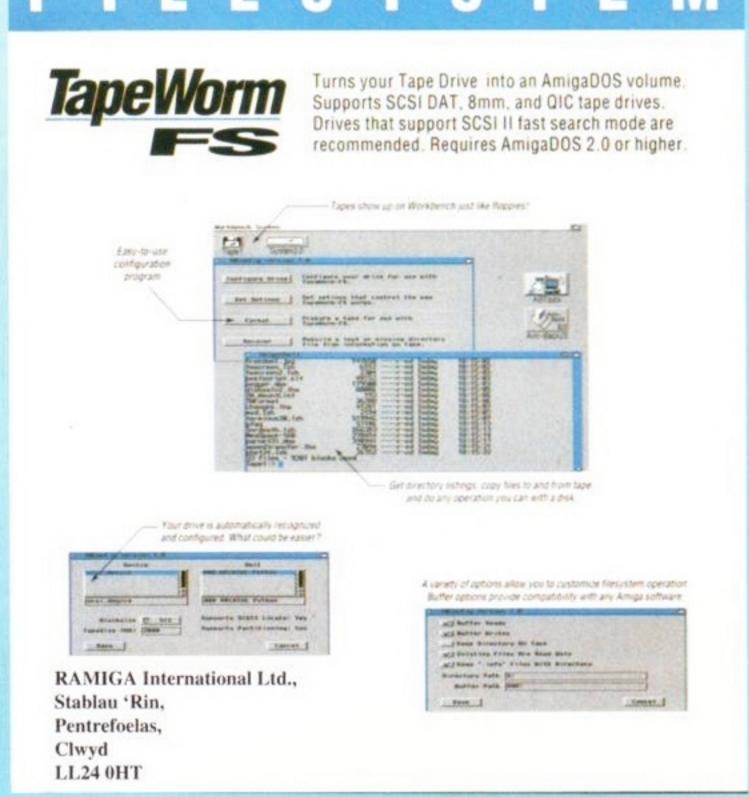
- · Backs up to floppies, hd floppies. hard drives, and SCSI tape and
- Appends multiple backups to single and multiple tapes.
- Compares backed up data to system data if data loss is suspected.
- with no speed loss.
- Backup to a single AmigaDOS. file or device.
- Performs image backups of any partition.
- Supports multiple-device backups. Lets you replace bad media during backups, and skips missing disks during restores. Ami-Back Tools
- Optimizes disks by file, directory. and free space.
- Lets you recover the file system. even if hard disk operation is interrupted making it the safest program available?
- Finds and fixes disk structure problems that prevent normal

- - and files lost through Quick Format of disk.

Recovers deleted files in place

- Saves and restores RDB information.
- Recovers data by backing it up to floppies or another AmigaDOS
- Wipes all information from a disk,
- Compresses data during backup · Performs CRC of all files and stores CRC database.
 - Compares filesystem with CRC database to check for corrupted files due to viruses, etc.
 - Optional caching mode for maximum read/write speed.

- Schedules events to examine. repair, and backup your disks while you sterp.
- Supports any number of events. over any time frame. General Features
- Pressword protection, Online help. and Areox support included.
- Supports all Arriga filesystems. including AmigaDOS 3.0 And much, much more!



VISA

UPGRADE PATH AVAILABLE TO QUARTERBACK USERS - CALL!

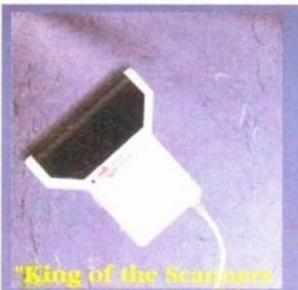
All Prices Inc. VAT. All Cheques payable to:

RAMIGA International Ltd., Stablau 'Rin, Pentrefoelas, Clwyd LL24 0HT

Tel: 0690 770304 Fax: 0690 770266



Official European Distributor



ACCESSORIES

Wrist Pads CD Cleaning Kits \$6.00 CD Drive Cleaning Kits \$9.00 CD Boxes \$6.50 Disk Banks from £5.50 Colourful Mouse Mats \$5.00 Hard Mouse Mats £3.00

256 Greyscale Scanners Touch UP, Merge It and Full OCR software.

Minimum system requirement 1Mb RAM, (2Mb and a Hard Disk to use OCR)

ew Low Price ncluding OCI

CD ROM CONTROLLER

FOR A600 & A1200 (PCMCIA PORT) £39-95 500/A2000/A4000 £69-9

The Multiface card III expands the Amiga by adding 2 serial ports and 1 parallel port which work at the highest transfer rate

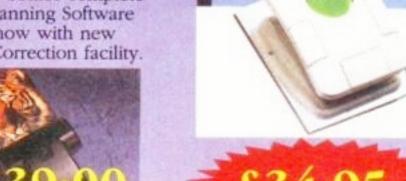
ALFA COLOUR

256K 18 Bit Colour Scanner for all Amiga Systems. Comes complete with Scanning Software and now with new Colour Correction facility.



Trackball

Stylish three button trackballs, with third button supporting auto fire and drag and hold New touch and light two colour shining Crystal Ball



Optical Mouse



St Format 81% CU Amiga 79% Superb 300dpi Optical Mouse with effortless micro switch buttons. Fast, smooth and reliable. **Includes Optical Mouse Pad** and Holder

Optical Pen



A stylish Optical Pen Mouse with quality construction and smooth fast movement, micro switch buttons, ideal for DTP, artwork, etc

Includes Optical Pad



IDE HARD DRIVES FOR AMIGA A500/A500+/1500/2000/3000/4000 with optional Ram Upgradeable from 0 to 8Mb

SPECIAL THIS MONTH

Controller Plus 420Mb Hard Disk £279-00 Controller Plus 80Mb Hard Disk £249-00

HARD DRIVES FOR	RAMIGA
600/1200 with IDI	Cable
60Mb Hard Drive	£119.00
80Mb Hard Drive	£125.00
120Mb Hard Drive	£149.00
170Mb Hard Drive	£169.00
250Mb Hard Drive	£239.00
340Mb Hard Drive	£299.00
MIGRA	PH

Full OCR for all Amiga's £49.95 Touch Up Upgrade V4.0 £35.00 Upgrade to full OCR £35.00

RAM CARDS

	A600 1 meg w/o clock	£29.95
	A500+ 1 meg w/o clock	£29-95
	A500 512K w/o clock	£25·00
	A1200 1 meg with clock	£79·00
	A1200 4 meg with clock	£179·00
	A1200 5 meg with clock	£239.00
5	A1200 8 meg with clock	£299·00
)	A1200 9 meg with clock	£395·00

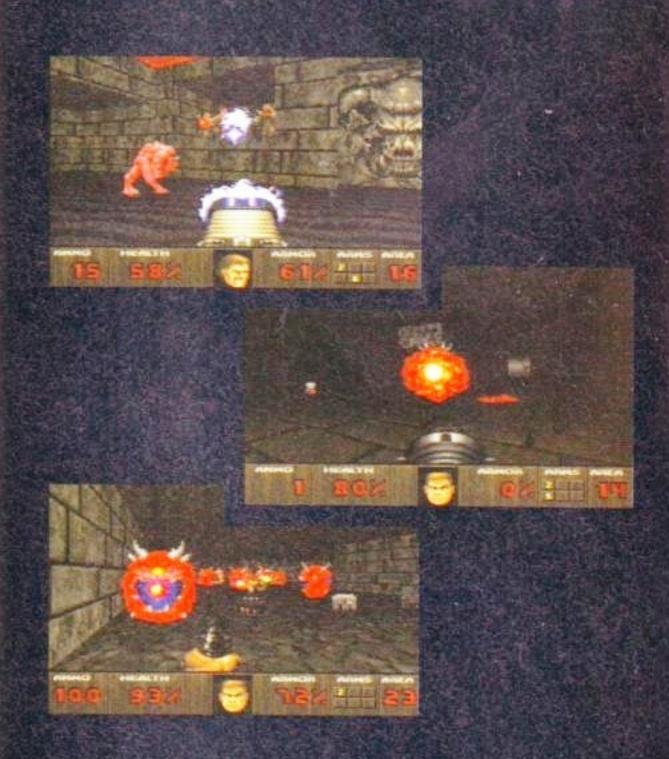
CALL US ON TELEPHONE HOTLINE: 0181 900 9291

THE STREET STREET, STR Unit 65, Hallmark Trading Estate,
Fourth Way, Wembley, Middx HA9 0LB
GOLDENIMAGE UK LTD It's the game that

everyone wants to play.

And the only way you can is if you buy a full-spec PC system...

...or a Jaguar



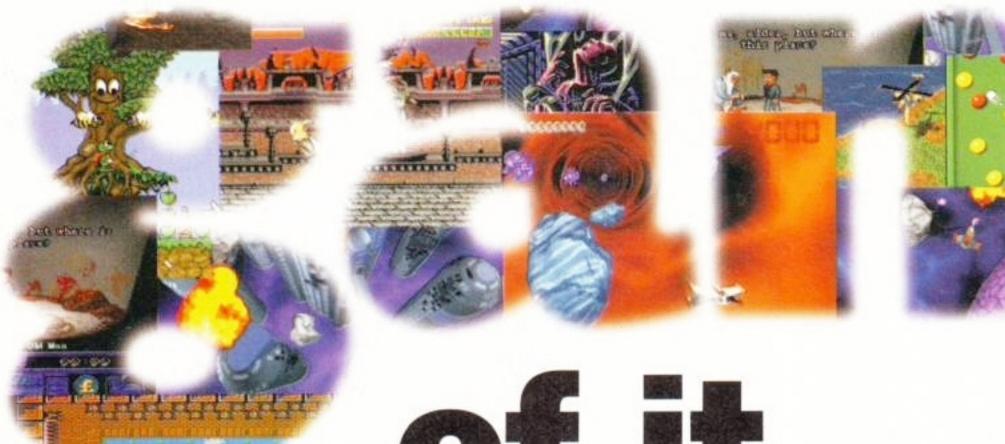
Prepare to meet Jaguar Doom





Issue sixteen onsale 24 November at selected newsagents

Making a





of it

a great game inside
them somewhere. We
tell you how to
squeeze it out with the
help of our AMOS
Professional Coverdisk
and how to get your
game published. Plus
win up to £1,000 in our
fantastic games
programming
competition!

eople who enjoy playing games think they know what makes a great game. And now with our tremendous AMOS Professional Coverdisk, you can put your ideas into practice. But after slaving over a hot keyboard perfecting your program, you'll

The original Alien
Breed was a Team 17
success. But how will
Andy Davidson's
Worms fare?



be itching to distribute it so others can see the fruits of your labour and perhaps earn yourself a few bob at the same time. But how do you go about selling it? Should you send it to a software house and hope they'll stick it on the shelves of hundreds of stores nationwide or do you go to the hassle of selling it yourself?

Maybe money isn't your aim and you would just rather send it to a PD library and enable it to gain vast exposure.

Here's our advice.

SELLING TO A SOFTWARE HOUSE

Software houses receive hundreds of games a year, some good, some bad, most of them indifferent and a few that go on to be major commercial releases. But all of the software houses we talked to said they look at every game they receive, so if your game is good enough there's every chance it could be picked up.

Sending your game to a software house is easy – just stick it in an envelope and post it, but follow a few obvious pointers:

CONTRACTS AND PAYMENT

If your game is picked up by a software house you're going to need to sort out a contract and terms of payment. The best way to negotiate a contract is to get an expert to do it for you. There are many lawyers who specialise in sorting out the terms and conditions of contracts, and in the long run you'll save money by paying a reputable lawyer to handle your affairs. Contact your local law centre for the name of a specialist contract lawyer.

Always check the small print and conditions of your contract, even with the best legal advice you may find yourself being asked to sign a restrictive contract – remember George Michael and Sony? The methods of payment can vary from contract to

contract, but you are likely to be offered either an advance plus royalties, or a one-off payment.

Royalties are a percentage of the profits from the game, and sometimes only start to be paid once the initial payment has been covered from the game's sales. There is a worst case scenario here where the game doesn't sell enough copies to cover the advance payment so you could end up having to pay back the advance.

The advantages of a one-off payment are that it's a simple method of payment with no strings attached. The disadvantage is that if the game sells 100,000 copies you don't see any of the money other than your initial payment.

SELLING IT YOURSELF

If you've got complete confidence in your game you could always sell it yourself. In theory this is simple enough until you realise that it means you've got to produce packaging, manuals and advertising, sort out distribution, talk to stockists, work out your development costs and profit margins and convince magazines such as Amiga Format that your one-man outfit should be taken as seriously, and given the same publicity as Virgin, Ocean, Team 17 and the other big boys.

Oh, and you'll also have to deal with any after-sales problems and customer complaints. And playtesting.

But being in full control of your software has its advantages, one of which is dictating its price. But be realistic. If your release isn't as good as a commercial equivalent then don't price it above the rival software. You need to strike a balance

between the price and the worthiness of the software. If you get the price right customers will be more happy with their purchase and maybe they'll be more likely to buy more of your titles as and when you write them.

To make a really good impression, aim to get your manual professionally designed and printed, but if this is not financially viable then just try and get the instructions as clear and concise as possible so a complete beginner can grasp the finer details of the gameplay.

Getting your game reviewed in AF is essential. When you have a demo version ready, call games editor Stephen Bradley and arrange a time to bring the demo down to show him. Take note of his comments and keep in contact with him. Find out when the AF deadlines are and bring your finished game down at the beginning of an issue when Steve will have more time to talk to you and look at the game.

Initially you can advertise your game in Amiga Format's Market Place pages where prices start at £60+VAT for each entry. Then when the sales come rolling in, think about placing a larger advertisement. When you do get an order try to be absolutely sure that you send your software to the purchaser as soon as you cash in the cheque. Not only does this cover you from any evil doings (people who pay by cheque, receive the goods and then promptly cancel the cheque, leaving you with nothing) it also benefits the customer since nobody likes being kept waiting for things to arrive in the post.

You should also contact mail order companies to see if they would like to sell your game. Although it means you will have to take a reduction in profits, it also means that you will probably sell more copies. And if you can get a few local high street shops interested then you will be on to a nice little earner.

phone up the software house first to get the name of the person you should send the game to, mark the envelope clearly for their attention and arrange a time you can call them to make sure they have received and looked at your efforts.

Andy Davidson went one step further and took his game to the ECTS to show it to Team 17 - now it's destined to be a

major commercial release.

the story: "Very, very rarely someone will walk in with a peach and you know that on that day God is smiling on you. That might happen once or twice a year. It's already happened this year. Andy came to us at ECTS with a game and that will be published by Team 17.

"It could actually be published in the

form that it was brought to us if we

will be released at Easter. It's the best game I've seen for ages - sort of Cannon Fodder meets Lemmings."

Andy, a 21-year-old Amiga enthusiast who works in a computer shop, came up with the idea for Worms almost four years ago, but only recently started trying to get

it published. He entered it for the

AF Blitz Basic game

35

wanted to make a quick buck for programming Former AF editor, Team 17 Christmas, but we came up with a competition - and Development Co-ordinator few ideas which will be added in. heard nothing. Marcus Dyson takes up The game's called Worms and it Undeterred he Flashbach Odgy Purchase of Rights The Contract CONTRACT **Continued overleaf**



EMPLANT!

The World's First Multi-Platform Emulation System!

Macintosh® Emulation Module

The Macintosh emulation module is a 'generic' Macintosh with the speed of the emulation depending on the processor your Amiga is using. An A3000 is equivalent to a MAC IIci. An A4000 is equivalent to a Quadra 900. Support for up to 16 colours is provided for non-AGA machines. A4000 owners can use a full 256 colours! Up to 24 bit (16 million+) colours is supported using third party video boards such as: Picasso II, EGS-Spectrum, Vivid-24, Rainbow II, Rainbow III, Visiona Paint, Merlin, Retina, Retina Z3, Piccolo, EGS110/24, and OpalVision! Built in multiple file transfer allows for quick, easy transfers between the Amiga and MAC emulation. Support for AmigaDOS devices, Scanners, CD ROM, MIDI, SyQuest removable drives, Printers, Modems etc. Full stereo sound is supported too! Requires Macintosh ROMs (not supplied).

E586DXs M Emulation Module

We are now in the final testing stage! We have added the next generation CPU instruction set! The £586DX emulation module offers a high speed 586DX (FPU, MMU, and new instruction set) emulation with complete low-level architecture support, giving you the ability to run DOS, OS/2, NT, Windows 3.x, and even Chicago! Support for MDA, CGA, EGA, VGA, SVGA video modes, sound, joysticks, floppy drives, hard drives, extended memory, and more!

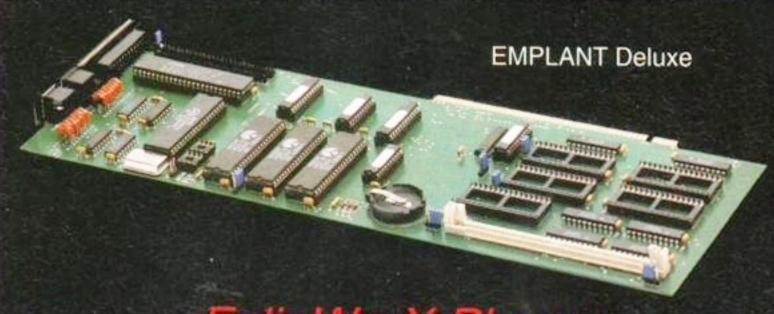
The possibilities with a multi-platform machine are endless. Now you can take advantage of a whole host of great software previously unavailable, and use them to compliment each other. By upgrading your Amiga (extra memory, faster processor, etc) you instantly upgrade your emulation too!

Blittersoft are the exclusive European distributors for Utilities Unlimited. We provide the only full technical support service, as well as software upgrades to all official UK boards. Check before you buy.

Four different versions of EMPLANT are available. (All Zorro II)

EMPLANT BASIC	Base emulation card	£249.95
EMPLANT OPTION A	As Basic + AppleTalk	£299.95
EMPLANT OPTION B	As Basic + SCSI	£299.95
EMPLANT DELUXE	As Basic + Opt. A & B	£349.95
E586DXSM MODULE	For all versions (Pre release)	£ 99.95
E586DXSM MODULE	For all versions	£119.95

*Pre-order your E586DX module or complete system before release to make a £20.00 saving - No money debited until release - Guaranteed!



FolioWorX Player

Take the next step forward into the MultiMedia age!
Kodaks brand new Portfolio technology combines the stunning 24-bit quality of the PhotoCD with 16-Bit sound to offer interactive sound and vision! This technology can be used for company presentations, training CD's and even games - bringing everything to life on your screen

Supports all Amiga resolutions (including AGA)
Control the software via Mouse, Keyboard or Game Pad
Audio in CD Quality

SlideShow function for normal PhotoCD's Includes CD ROM Filesystem for PortFolio and PhotoCD's Supports IS 9660, High Sierra (MAC) and CDDA (Audio) discs

Amiga version (disk) £49.95 CD32 version £49.95 PhotoWorX (PhotoCD software, inc. save/edit etc.) £69.95

BLITTERSOFT.

40 Colley Hill, Bradwell, Milton Keynes, Bucks. MK13 9DB U.K.

01908 220196 Order & Fax line 01908 310208 BBS (2400-28.8K) Also plesurf@cix.compulink.co.uk Fidonet 2:252/328.0

Post/Packing £5.00 (3 day) £8.00 (Next day)

Credit card orders attract a 2.5% surcharge (not debit cards)

E&OE (Prices correct at time of going to press)

Euro/Trade Enquiries welcome.

WE CAN SUPPLY MANY OTHER AMIGA PRODUCTS TOO



PICASSO II 2MB WITH TV PAINT JUNIOR
PICASSO II 2MB WITH TV PAINT 2.0

PABLO VIDEO ENCODER
PICASSO II 2MB WITH TV PAINT JUNIOR AND PABLO
PICASSO II 2MB WITH TV PAINT 2.0 AND PABLO
LIANA NETWORK (INCLUDES ENVOY SOFTWARE)

ARIADNE ETHERNET CARD

TRAPFAX

NEW NEW NEW NEW CD32 EMULATOR NEW NEW NEW NEW

This new software package will turn your AGA machine into a CD32, even booting CD32 games via a special launch sequence as you boot up. You can alter volume, emulate the controller via keyboard, use joysticks, set language, save high scores etc.

Total compatibility cannot be guaranteed, but has proven to be very good with many tested titles. (Microcosm, SleepWalker, James Pond II etc, etc.)

Also includes CD Filing system, Search/Mount software and JukeBox programs. You will require a suitable CD drive such as any of the Toshiba drives found in this advert.

Only £39.95

OS 3.1 - OFFICIAL UPGRADE

Now available for a range of machines. This new operating system will bring your machine up to the very latest revision.

A2000/3000 owners can use 256 colours with Picasso and OS3.1 with Workbench and OS friendly software.

A500 / A2000 (not rev 5 or less motherboards on A500) A3000	£ 84.95 £ 94.95
A4000	£ 94.95
TOSHIBA CD ROM 4101B (INTERNAL) Suitable for FolioWo	orx £ 199.95
TOSHIBA CD ROM 4101S (EXTERNAL) PhotoWorX and CD	
TOSHIBA CD ROM 3401B (INTERNAL) Emulator.	£ 249.95
TOSHIBA CD ROM 3401S (EXTERNAL)	£ 349.95
ANY ABOVE WITH PHOTOWORX (KODAK PHOTO CD) AD	D £ 59.95
ANY ABOVE WITH CD32 EMULATOR ADD	£ 34.95
WARP ENGINE 28MHz (NO CPU) Boost that Emplant board!	£ 599.95
WARP ENGINE 28MHz (WITH CPU)	£ 799.95

ANY ABOVE WITH CD32 EMULATOR ADD	£ 34.95
WARP ENGINE 28MHz (NO CPU) WARP ENGINE 28MHz (WITH CPU) Boost that Emplant board!	£ 599.95 £ 799.95
WARP ENGINE 40MHz (WITH CPU)	£1199.95
SyQuest 105Mb REMOVABLE SCSI DRIVE INTERNAL	£ 229.95
SyQuest 270Mb REMOVABLE SCSI DRIVE INTERNAL	£ 349.95
SyQuest 105Mb REMOVABLE SCSI DRIVE EXTERNAL	€ 299.95
SyQuest 270Mb REMOVABLE SCSI DRIVE EXTERNAL	£ 429.95
SyQuest 270Mb REMOVABLE IDE DRIVE INTERNAL SyQuest 270Mb REMOVABLE IDE DRIVE INTERNAL	£ 349.95
SyQuest 105Mb CARTRIDGE	£ 49.95
SyQuest 270Mb CARTRIDGE	£ 59.95

All Trademarks and copyrights acknowledg

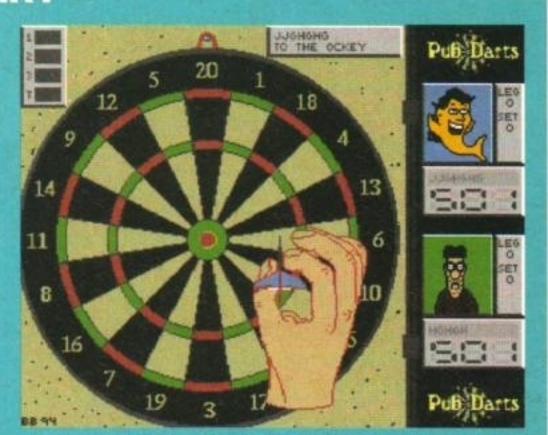
SENDING IT TO A PD LIBRARY

To get your game on to the PD scene and allow it to be copied by anybody at all, all you have to do is send a few copies of your software to as many PD libraries as you want. They'll take a look at it and decide what to do with it.

If it's not up to scratch then it may not get as wide an exposure as a good piece of software. However if it's a good game then it will probably end up on a disk with other programs, whereas a larger piece of software will be sold on an entire disk.

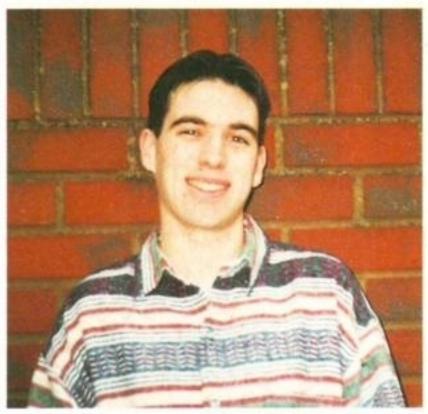
If you take a look at a PD catalogue, you'll see the diversity of software that is on offer, from demos to slideshows to games to serious applications. It is an ideal testing ground for new programmers who want to make a name for themselves before embarking on a more ambitious project, maybe with a software house. And as an added bonus, most libraries send you a free disk of PD stuff for your trouble.

But if you find the no-money aspect a bit offputting then why not consider releasing the game as Shareware? You will still have the benefits of PD



Pub Darts is hardly a visual feat, but it's a popular PD game and a good example of what you can do with AMOS Professional and a bit of imagination.

software but with the bonus of cash if people decide they like it and want the upgrade.



Andy Davidson: his persistence paid off and now Team 17 have taken up his Worms game.

then sent a copy to Acid Software in

New Zealand – and heard nothing. "I was
getting a bit fed up, so I decided to take it
to the ECTS to show Team 17 as a last
hope. They stuck it on for five minutes and
said: 'do you want to publish it?' I almost
fell over with surprise."

Team 17 get sent two or three games a week from hopeful programmers but most of them just are either too derivative of other games or are simply not good enough to be published commercially. It's the same story at Ocean where Simon Alty is sent five or six games a week.

"We look at all of them and respond to all of them. I've got to say that 90 per cent of the time the reply is along the lines of: thanks for your effort, we appreciate your enthusiasm but unfortunately... Some of the things we receive are decidedly odd. Just recently we got a full storyboard for StreetFighter ll but with plants rather than characters. They had things like special root kicks and sunflowers with death sprays. Very bizarre.

"In all honesty, none of the games or game ideas we get stand much of a chance of getting made because we are in constant contact with half a dozen or so of the best professional development groups in the world and if one individual could come up with a better game than those guys then something would be seriously wrong."

But don't give up, because even if your game doesn't make it, the software house might still be interested in you.

"What we do try to do is watch out for talent. We might spot someone who has a very original mind or a talent for art or coding," said Simon.

"I suppose the best example of that is Martin Kenwright, someone who came into our office with a demo of a plane rotating on a screen. Five years later he's got his own development company, DID, he's signed up to Ocean for five years and he's a paper millionaire.

"That's why it's always worth us looking at every single thing we get, because one of them might contain Willy Wonka's golden ticket."



The PD is packed with all sorts of games. Relics
Of Deldroneye is a particularly good adventure.

THE PD OPTION

If your game is not picked up by one of the mainstream software houses you could always consider distributing it through one of the many Public Domain libraries. If it's picked up you're not going to make a huge amount of money out of the game (probably none), but you could make a name for yourself on the thriving Amiga PD scene, and it's a way of gauging how popular your work is.

And bear in mind that many of the Team 17 programmers started in PD, and that Team 17 itself grew from the 17Bit PD library. But once again the competition in the PD sector is very tough. Tony Phan of Five Star PD gets sent 20-30 games a week, only about 20 per cent of which make it into the library.

"What we look out for is a nice, simple interface, graphics that catch the eye and a program that is stable," says Tony

"Also, anything with any sort of originality is welcome. I reckon that 99 per cent of the stuff we see is a copy of something else. The only way to make money out of PD, if you think your game is good enough, is to send in five levels of a 20 level game and then, when a player reaches the end of level five, give them the option of sending some money to receive the rest of the game."



Continued overleaf ⇒

COPYRIGHT

There has always been some misconception about copyright. In fact, you automatically own the copyright of anything you produce. Even so there may be times when your copyright is disputed.

The Post Office operates a system called Recorded Delivery where the Royal Mail asks the recipient to sign a dated package when it's delivered. By sending your software and details to a high status person such as a doctor or a headmaster and asking them not to open it means that, in times of dispute, you can call upon the respected person to show proof of your copyright. You should also send a copy of the game to yourself Recorded Delivery. And remember, don't open the box.

Another method of copyrighting your game is to give an envelope containing the game to a solicitor. They will check the contents, sign and date the seal and put the envelope in their safe. In the event of a court case the package can be produced as proof of copyright.

However, there are times when your copyright terminates and that's when the software house buys up the complete rights to your game. You couldn't claim infringement of copyright because you will have signed a contract. But if you sell the game yourself then your copyright stays intact.

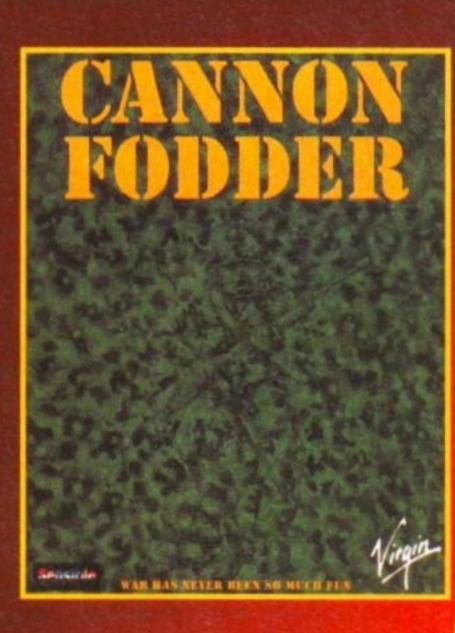
Public Domain is a tricky area though. The idea of Public Domain software is that you are entering it in a public access area and allowing it to be freely distributed without any financial gain. But this doesn't mean that people can hack into it, add their name and pass it on as their own work because you still hold the copyright. If you find an altered copy of your work in the Public Domain then you can sue.

A little trick you can use to track down where offending copies are originating from is to throw something into your software which can identify where it came from. For example you could put a letter O somewhere in the middle of all your code and that could tell you that the software was sent to Ocean. A letter U could correspond with US Gold and so on.

It's very important that you protect your own interests. There's nothing worse than producing something that somebody else gets the credit for.

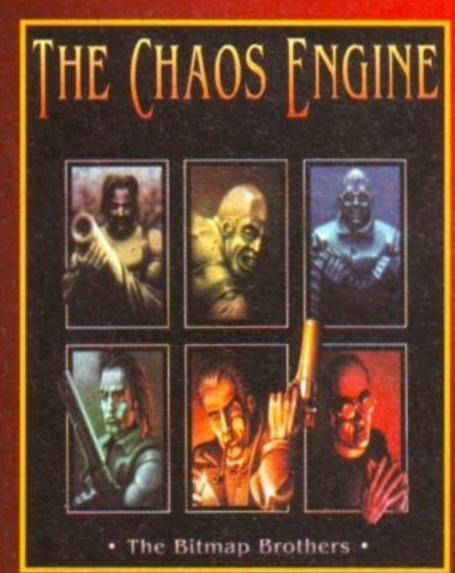
37

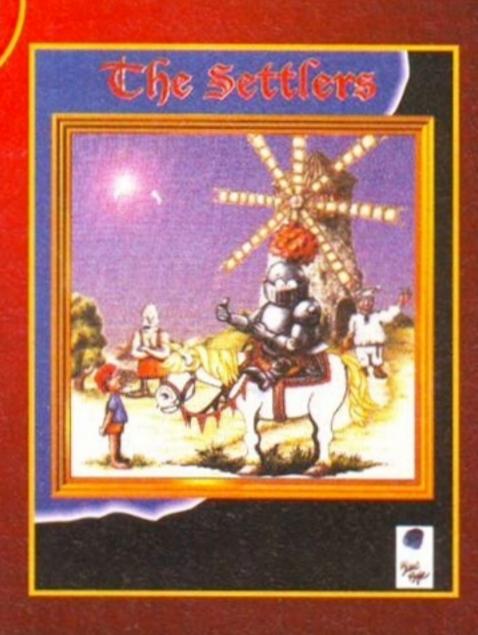
TERMINATE your FNGINE Settle down with your I7()])]]]]]]] and get yourself some (HAOS!



AMIGA









THE ULTIMATE AMIGA COMPILATION IS AVAILABLE FROM ALL GOOD RETAILERS

RIPERIOR





CONSOLATION PRIZE

By now you've probably realised that getting your game published commercially or distributed by a PD library is not easy. But if it's any consolation many programmers have gone on to great things despite suffering initial set-backs.

Fergus McGovern of the Probe software house has a prime example: "We get absolutely loads of work sent in to us and we do consider everything. Having said that, I have to admit that we did pass up on The Beatles not so long ago.

"A guy came to us with a game he'd written, Merv The Merciless. We took it but we gave it away free on the cover of a magazine and he sort of slipped through our fingers. He then went on to write Chuck Rock, Chuck Rock 2 and Thunderstrike for the Mega CD.

"It's very rare that we receive whole games. We usually get demos or ideas and a lot of artwork. A lot of it is quite poor, some of it is absolute crap, but now and again something will stand out and it will lead to something.

"It's absolutely amazing the amount of talent that is out there and the ways that you can discover it. The barman in my local pub told me that he could draw a few years ago and to prove it he drew me something on the back of a beer mat. It was so good that I gave him a job and he's already done work on *Terminator*, *Lemmings* and *The Lion King*.

"Probably less than 10 per cent of what we receive ever leads to anything, but it's always worth sending stuff in because you may be lucky. Seven of our current staff got their jobs that way." Although they've got one of the most popular games of the year in Mortal Kombat II, Probe Software always want to hear from budding programmers.

To learn the basics of programming with AMOS Professional, load up your Coverdisk and turn to the instructions on page 10.

DO IT WITH AMOS

Unlike other less scrupulous magazines, we're not going to attempt to pull the wool over your eyes by pretending that AMOS Professional is capable of producing games that will rival the professionals. Fact is, AMOS Professional doesn't provide the sort of raw speed that Assembly language – the choice of 99 per cent of professional games programmers – delivers.

Before you bin your copy of AMOS

Professional, however, it's worth bearing in mind that even the likes of Elite and

Frontier programmer David Braben and Jez
San (of Starglider and Birds Of Prey fame and now the head of Argonaut Software) had to start somewhere – and, more often than not, BASIC was the language that they used to hone their latent games programming skills.

In many ways, you have a major advantage over the professionals as – unlike your average BASIC – AMOS Professional has been specifically written for games programming and is therefore the perfect medium to develop programming techniques that form the foundations of games programming. You can use AMOS Professional to develop sprite routines, scrolling techniques and so on, safe in the knowledge that the techniques that you learn will serve you well in the future.

The great thing about games programming in AMOS Professional is that it teaches you to develop routines to achieve specific results – you might, for example, want to write a parallax scrolling routine. If you eventually move on to



Assembler, you can take the routines you developed in AMOS Professional and transfer them to Assembly code fairly easily – even if the language is different, the techniques remain the same.

That's not to say that AMOS Professional can't be used to produce simple games just look in the PD libraries and you'll find a veritable treasure trove of quality games developed entirely in AMOS Professional. The key to writing games in AMOS Pro is to optimise your code as much as possible that is, to make it run as fast as possible. Most arcade games need to complete a single cycle (everything is updated) in one single screen refresh (frame) which equates to approximately 1/50th of a second. What this essentially means is that your code has to run very fast - if it runs any slower than a single frame, your game will appear jerky.

Even if your game does run in 1/50th of a second, it's well worth considering the AMOS Professional Compiler, a program that translates AMOS programs into pure machine code. Although compiled AMOS Pro programs still aren't as fast as Assembly code, the extra spurt of speed that you'll gain from compiling your programs allows you to add extra features to your games – extra baddies, more animations or whatever – all of which adds that little bit of extra polish to a game.

Although the AMOS Professional
Compiler works with our Coverdisk version
of AMOS Professional, it's not possible to
run the AMOS Pro Shell from within AMOS
Professional. Instead, you'll need to compile
your programs separately from the AMOS
Professional Editor.

Turn to the Coverdisk instructions on page 10 to find out how to get started with your AMOS Professional Coverdisk and look out for the first in our our in-depth series of tutorials, starting next issue.



Continued overleaf ⇒

THE id SUCCESS STORY

The potential of the Public Domain as a way of distributing software and earning money was ably demonstrated by id Software, with their PC titles Wolfenstein 3D and Doom.

By releasing the first couple of levels of each game as shareware – over the Internet, primarily – they get people playing the game. After completing three levels (by which time, they hope, you're hooked), the game prompts you to send some cash to a specific address, or quotes a number where you can leave your credit card number. The remaining levels of the game are then dispatched forthwith.

This system has proven massively successful for id Software, with thousands of copies of both

games having been downloaded, copied, passed around and installed on PCs around the world. Jay Wilbur of id Software admitted to believing *Doom* has been played on over a million PCs, and that it has been more successful financially than if they'd simply packaged up the game and distributed it through shops.

Of course, Wolfenstein 3D and Doom have very good reasons for being played as much as they have: they're both bloody good games. Each in turn has set new standards for the 3D shootem-up, both technically and with regard to gameplay. They also boast multi-player options which are massively popular – especially in offices where many PCs are on the same network.

So the lesson here is make it good, make it playable and make it cheap.



Wolfenstein 3D and Doom were PD releases and made more money than if they'd gone through the shops.

39

EXERTESS

SYNCRO EXPRESS VERSION 4.0 IS HERE!

THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS.

THE WORLDS MOST POWERFUL DISK BACKUP SYSTEM IS NOW EVEN BETTER!

SYNCRO EXPRESS is a sophisticated hardware and software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. In this way SYNCRO EXPRESS delivers the power to backup programs when other backup systems fail.

Very simple to use, requires no user knowledge.

The most powerful disk backup system ever conceived.

Powerful SYNCRO MODE actually synchronises your drives to achieve even greater backup power!

Menu driven selection of start/end track. Up to 85 tracks.

Totally 'transparent" hardware switches out automatically when not in use.

A500/1200

If you don't have a second drive we can supply SYNCRO EXPRESS and a high quality disk drive for ONLY

Unique cust m chip gives SYNCRO EXPRESS

the power to backup programs when all other backup systems fail.



ACT

Datel Electronics Ltd., neither condones nor authorises the use of it's products for the reproduction of copyright material. The backup facilities of this product are designed to reproduce only software where permission to make backups has been clearly given. It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof



GOLIATH HAS THE POWER

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Goliath packs more power than you can possibly need! A STANDARD POWER SUPPLY



Send Cheques, Postal Orders or credit card details to:-

DATEL ELECTRONICS LTD. GOVAN ROAD, FENTON INDUSTRIAL ESTATE, FENTON, STOKE-ON-TRENT,

ST4 2RS, ENGLAND.

24 HOUR MAIL ORDER HOTLINE

CALLERS WELCOME

DRDER

- FAN COOLED HEAVY DUTY CASE
- SWITCH MODE ELECTRONIC SYSTEM
 - **FULL 200 WATT OUTPUT**
 - ON OFF SWITCH
- 13 AMP UK APPROVED MAINS LEAD
- DIRECT PLUG IN REPLACEMENT

The great Amiga Format AMOS Write A Game competition



Show us what you can do with our wonderful AMOS Professional Coverdisk and you could win up to £1,000!

> Starbase 13 is a Monkey Island-style graphic adventure.

Santa And Rudolph Do

about this game turn to

Christmas: For more

page 149.

FIFION

ur Coverdisk this month contains one of the most powerful and easy-to-use programming utilities ever developed. To encourage you to get the most from it, *Amiga Format* are sponsoring a Write A Game competition which will give all you aspiring programmers the best possible start to your career. Simply follow the rules set out in the box below and you could be on your way to fame and fortune.

The type of game you decide to write is entirely up to you, but please, no fruit machine sims, and if you decide to be influenced by an existing title, ensure your game is at least as good as the source of your inspiration. The more original you All the pictures shown on this page are games that have been written in AMOS Pro. Above: Ambassador Pro.

858

Just think how impressive your programming CV will look when you include 'Won the Amiga Format Write A Game competition in 1995' at the start of it. And if you do go on to write the next Cannon Fodder or Sensible World Of Soccer, remember your friends at Amiga Format who set you on the road to your own private island...



Blackdawn II, on the other hand, is a Dungeon Master-style hack 'n' slash romp.

RULES

- 1) Over the next few months, write a game using our AMOS Coverdisk. Make it as easy to run as possible.
- 2) Send your creation on a disk to us for evaluation (AMOS Competition, Amiga Format, 30 Monmouth Street, Bath Avon BA1 2BW).
- 3) Please don't forget to include your name and address.
- 4) The authors of the best submissions will be offered a cash sum for them to be included either on a forthcoming Coverdisk or in an AF winners compilation.
- 5) Closing date for entries is May 1, 1995 so you've got plenty of time to get to grips with the language. We will

be including AMOS tutorials in Amiga Format for the next five months to help you.

- 6) We regret that no entries can be returned so, for goodness sake, make a back-up of your masterpiece.
- 7) Make notes as you go along. If you are successful, we may ask you to write 500 words or so, for inclusion in the magazine, explaining how you wrote your creation.
- 8) Don't hassle us! We regret that we will be unable to enter into any correspondence, either by telephone or in writing, concerning this competition. The winners will hear from us in due course.



SoftWood Software will go down in history, the best there's been... for ages.

he way we all communicate today has evolved through centuries of development and change. Prehistoric man set the ball rolling when he used cave pictures as a means of describing his hunting conquests. Probably the most famous of all 'picture writing' techniques was that used by the Egyptians. Known as Hieroglyphics, which means 'sacred carved inscription', this ancient form of information technology quickly spread to all parts of the Mediterranean region. Gradually pictures were rationalised and both numbers and letters were eventually formed.

The Greeks were the first to use these

letters in a way that is familiar to us all, and they in turn passed this knowledge on to the Romans. It was then that an alphabet was formed using only capital letters; the basis of most of today's languages. Inscriptions in stone, often filled with lead or bronze, eventually gave way to clay tablets, papyrus and ultimately parchment (treated animal skins). By AD 100 parchment and papyrus books were being created. Another 600 years passed before books began using capitals for headings and small letters, known as 'half unicals', for the main body of text. Although still made by hand, pages were easier to produce and became far more legible in the process. It was the mid 15th century before sets of small interchangeable metal letters were arranged, inked and pressed against paper to form an impression. The start of a printing process that was a less labour intensive way of spreading the written word was here. It was so successful,



that with continual refinements, it remained the industry standard until the 1950's. Since then, the process of offset litho printing has replaced 'hot metal type'.

The biggest leap in the presentation of languages has probably been achieved in the last ten years. With the adoption of computer generated text as a new standard, complicated layouts can now be designed and printed at the touch of a few keys.

And it doesn't stop there. Archiving and record keeping works hand in hand with these new methods of processing text and allows far faster methods of data retrieval than ever before. This latest technology has revolutionised the world of print, and has opened the door to an explosion of communication possibilities.

At SoftWood our constant aim is to provide you with the most powerful and up to date software possible for your specification of Amiga.

Our word processing packages have repeatedly won the favours of magazine reviewers, who have awarded SoftWood products their highest accolades, all over the world. We are continually updating and improving those products and adding new ones, such as Final DataTM, to our range in our endeavours to bring the revolution into your home... and onto your Amiga.

Word Processing/Publishing...

Whatever specification Amiga you own, SoftWood have the perfect solution for your requirements.

Final Copy IITM Release 2 is at the peak of achievement when running a twin floppy based Amiga configuration, whilst Final WriterTM Release 3

Final Copy II

is the only hard drive compulsory

Amiga word processor - it leaps a

stage ahead and doesn't make any

compromises to be floppy disk

compatible.

Whichever you choose, you will be assured of the latest in WYSIWYG technology and reap the benefits of still unsurpassed, easy to use, SoftWood Amiga software.

Our new Database...

The latest addition to our family,

Final DataTM, is designed in the true SoftWood tradition and brings you a program which is not only

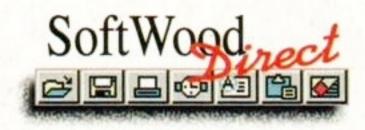
extremely powerful, but also very easy to use. Indeed, you can learn to set up your *Final Data*TM database, enter your information and print the results in a

Final Data

Final Data

Ton

matter of minutes... not hours. You'll soon be generating all kinds of reports and label print runs to suit your kind of work.



bringing the revolution into your home... and onto your Amiga.

Final Copy IITM Release 2

Designed to get the most out of an Amiga twin floppy drive system, *Final Copy II*[™] offers more than just word processing (at which it naturally excels) and opens up a world where 'how the



document looks' is as important as 'what the document says'. Final Copy IITM is ideal for that quick letter but also has powerful features that produce end results that you'd normally associated with Desk Top Publishing packages - easy to achieve, without the fuss!

Unique features such as FastDrawTM on screen drawing tools (to generate boxes, borders, lines and arrows etc.) and PerfectPrintTM (a system that enables you to print

PostscriptTM outline fonts to absolutely any printer in



both landscape & portrait modes) ensure that *Final*Copy IITM is the leader in its class. You can easily create multiple newspaper style snaking columns,

import any graphics objects or pictures (and place them anywhere on your page), scale or crop those graphics and also auto flow text around them. You can even print text over graphics and the output is always of the highest quality. Final Copy IITM offers the perfect balance between word processing and more advanced page layout generation - in one great program. Ease and speed of use combined with total control of the final printed presentation is available on your floppy based Amiga system right now for only £49.95 inc. p&p.

Final Copy IITM requires an Amiga system with twin floppy disk drives or a hard disk drive and a minimum of 1Mb. free RAM (A600 hard drive - 1.5Mb). Flexible and practical from floppies; no installation or multiple disk swaps required.

Final WriterTM

Release 3

This newly upgraded release of Final Writer™ is building on the success of Release 2. Improvements and innovations, along with all the features that made Final Writer™ a winner, mean that the best is now even

better still. Hard drive compulsory, the program is aimed at the power user offering the ultimate in performance. Just like *Final Copy II*TM you can take advantage of the excellent output associated with **PerfectPrint**TM, but added to that is a host of other advanced features too...

FastDraw Plus™ increases the versatility of the on screen drawing tools with options like rotation.

TextBlocks™ allow you to position text anywhere on the page, at any size and at any angle.

TouchTools™ & PowerUserBars™ make life more simple with 'one touch' control. Just click on a button to define,



change and save such attributes as font size, text position, bold, italic, underline, justification, bullets, line spacing, indents etc. One magazine stated "this is the

closest thing to Microsoft Word to appear on the Amiga".

Final Writer™ can import, scale, crop, view on screen and output structured PostScript EPS clip-art images to any printer, and we even include 100 quality images for your use. And, if you use a PostScript printer, Final Writer™ extends your options... thumbnails, scaling, crop marks and halftoning. Add floating palettes, ArRexx/Macros, undo/redo (for both text formatting and graphics), table of contents, auto indexing, table of illustrations, bibliography generation and lots more for real power. Release 3 takes your Amiga even further with new drag & drop text, spell while you type, dictionary hyphenation, foreign language dictionaries, auto save, polygon graphics and irregular shape generation.

Amiga word publishing power for only £74.95 inc. p&p.

Final Writer TM Rel 3 requires an Amiga running Workbench 2 or 3 with a hard disk drive and a minimum of 2Mb. free RAM.

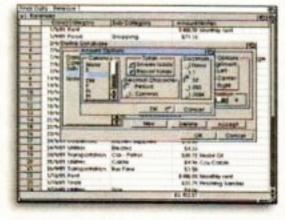
Final DataTM

New Release

Final Data™ has been designed to be by far the EASIEST TO USE Database for your Amiga. Many users dislike the involved "two stage" process conventional databases force you to follow. To



set up a *Final Data*TM database, you simply define a column for each type of information you want to keep eg. first name, last name, address, town, county, postcode and phone number etc. Incidentally, you can add or remove columns at any time. Your new database will appear as a table with rows and columns allowing you to view lots of data at the same time. Column widths can be adjusted by simply dragging their borders with the mouse. Data is then entered into "cells" and *Final*



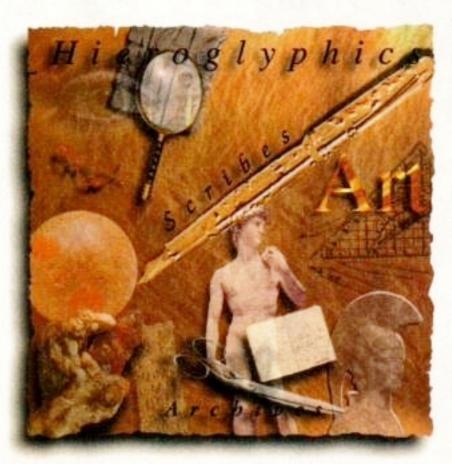
Data™ even detects
entries of invalid dates
etc. and displays an
alert message. Screen
totals are available as
options on all amounts

and calculations (numbers can also be formatted with currency signs and commas). Final DataTM is ideal for label printing and has built-in routines that remove all the complexities from this task. You can even utilise the "Print Merge" feature found in Final Copy IITM and Final WriterTM - simply select the program you are using and Final DataTM does the rest. It can also read any database created in Pen PalTM, MiAmiga File and File IIsgTM as well as ASCII files found in other many other programs.

Ease of use and the power to keep all your records in order from SoftWood Direct at only £39.95 inc. p&p.

Final Data™ requires an Amiga system with a minimum of 512K free RAM operating under Workbench 1.3 or higher.

Help on memory: our products are the most economical in their use of memory. Like others, we quote the minimum memory required to load our software but we also like to make it clear that all graphical software requires more memory - dependent on the functions being used.



Order by Fax: 01

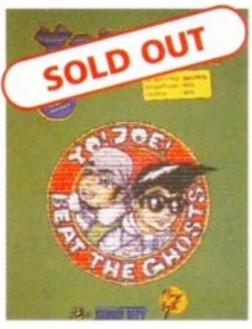
Order by Phone: 01 773 521606



Mr/Mrs/Miss/Ms:	Initial(s): Sur	mame:	
Address:			
County (Country if overseas):		Postcod	le:
Daytime telephone:		Evening telephone:	
Please charge my credit/debit card as deta	iled below (Please Tick)		
'Final Copy II' UK & Overseas £49.95	'Final Copy II' Non UK EC	£59.95	(Card Authorisation Signature:)
'Final Writer' UK & Overseas £74.95	'Final Writer' Non UK EC	£84.95	
'Final Data' UK & Overseas £39.95	'Final Data' Non UK EC £4	49.95	
Credit/Debit Card No.:			
Card Expiry Date:	Issue No.(Switch Cards (Only):	
Cheque/Bank Draft/Postal Order for	£ payable	to SoftWood Product	ts Europe (Please Tick) AMF
PLEASE RI	ETURN TO: SoftWood Products Europ	pe, New Street, Alfreton,	Derbyshire DE55 7BP.

It's the ideal Christmas present for the Amiga owner in your life

AND GET A FREE GAME & A FREE VIDEO WORTH UP TO £45



This game really

YOI JOE! (AF50 FG91%): captivated us. OK it's a platform game but how many of those do we describe as 'truly great', 'a perfect example of the genre' and 'a complete stunner'? The reviewer even offered to buy anyone who didn't like the game a pint, and he's

never

had to.



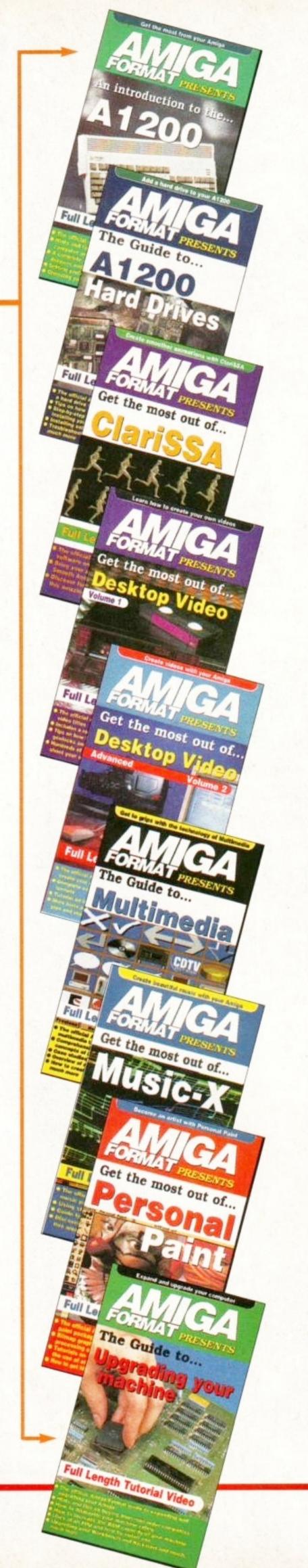
A special twin-pack comprising both NORTH & SOUTH (AF37 84%) and F16 COMBAT PILOT (AF3 FG94%): North & South - a cartoon-like simulation of the American Civil War - is a classic one or two-player the most realistic flight and combat simulators ever.



AMIGA FORMAT TUTORIAL VIDEOS

Get the most out of your Amiga with Amiga Format's series of speciallycreated videos. There are nine videos in the collection and they are all designed with your needs in mind and compiled and presented by experts. They are the most up-to-date and information-packed Amiga videos available in the UK. Turn to page 94 for more video details.





Yes! I would like to subscribe to Amiga SIX-MONTHLY DIRECT DEBIT OP DIRECT DEBIT PAYMENTS ARE DEDUCTED EVICYOU CAN CANCEL YOUR SUBSCRIPTION AT A ONE YEAR SUBSCRIPTION UK £47.40 *Europe £78.95	TION UK ERY SIX MOI	ONLY £23. NTHS IN ADVAN	.70 CNCE, BUT	form be complet debit op only ava UK-base debit pa months	cribe by direct deb low, and send it we ed on the order for tion is the easy we silable to subscribe d sterling bank ac- syments are deduc- in advance. You ca tion at any time.	rith your details orm. The direct ay to pay, but is ers who have a count. Direct ted every six
Start my subscription with this issue	Feb	Mar	Apr	May	(circle on	e)
NOW CHOOSE YOUR TWO FREE GIFTS I would like the following FREE video Get The Most Out Of Personal Paint Introduction To The A1200 Guide To A1200 Hard Drives Upgrading Your Machine Music-X Tutorial Guide To Multimedia	(tick one) AF0001 AF0002 AF0003 AF0004 AF0005 AF0006	Advance Get The I'd also like Termina Yo! Joe	e Most (e the fo	de To Desk Out Of Cla Ollowing I The Arca	FREE game de Game	AF0007 AF0008 AF0009 (tick one) AMFSL15 AMFSL16 AMFSL17
Name		Method of par Access Visa Total amount par Credit card no.	Cheque Dayable:	Direct deb		
Postcode		SEND THIS FORM T This offer is valid unti Tick if you would	O: AMIGA FREEPO Somers il 31/1/95	FORMAT SUI OST, (BS4900) Set TA11 6BR	SSCRIPTIONS, , Somerton,	AF MAG 1/95

- A FREE game (worth up to £29.99)
- Your favourite Amiga magazine delivered to your door
- An extra subscribers-only disk every month FREE
- A subscribers-only newsletter every month FREE
- All for no more than the news stand price!

Call our order HOTline on 01225 822511 (8.45am to 6.00pm)

Pay by direct debit, the easy way to pay

DIRECT DEBIT INSTRUCTIONS Originator's ID: 930763

This form instructs your bank or building
society to make payments direct from your
account. Please complete both the form
above and this direct debit form, which we
will forward to your bank. The amount, as
shown above, will be taken from your bank
account at the start of your subscription.
(Banks and Building Societies may refuse to accept instructions to
nay direct debits from some types of accounts)

1	Please	write	the	full	address	of	VOUR	hranch
	I lease	AALICE	circ		audi C33	•	you	MI GIICII

To: The Manager	
	Bank/Building Sc
	*

2. Account no	
3. Sort code	

Account in name of:

4. Instructions to bank/building society

- I instruct you to pay direct debits from my account at the request of Future Publishing Ltd.
- The amounts are variable and may be debited on various dates. I understand Future Publishing Ltd may change the amounts and dates only after giving me prior notice.
- I will inform you in writing if I wish to cancel this instruction.
- I understand that if any direct debit is paid which breaks the terms of this instruction, you will make a refund.

5. Signed	
Date	





Massive coin - op guide

PLUS

£25,000

worth of prizes to be won. All the machines and games you have ever wanted!



Britain's best selling multi-format games magazine

ON SALE NOW!

EXCLUSIVE

Saturn - Virtua Fighter Super Street Fighter 2 Turbo - 3DO

Doom - 32X, Need for Speed - 3DO,

Sensible World of Soccer -Amiga, Kasumi Ninja – Jaguar Lemmings 3 – Amiga, Super Punch Out - SNES, and much, much more.

ONLY £2.25

Two games PLAY that deserve a good kicking

DPGT01:0D3500
NRG: PHD
PHD

RISE OF THE ROBOTS: Don't believe the hype. One of the year's most eagerly-awaited games is out for Christmas. And it's a turkey.

CAPE COAST

001 8(0G)

1-1

HEARTS OF OAK

IERU 14

AMIGA FORMAT

MERRY CRIMBO

Festive greetings to one and all. It's been a rocking good year for Amiga games, despite the troubled times at Commodore. Mortal Kombat II, Cannon Fodder 2, the quirky Empire Soccer, Pinball Illusions, Zeewolf, Putty Squad, Beneath A Steel Sky. The list is

endless. And which machine gets top billing when it comes to Sensible World Of Soccer? The Amiga.

The Amiga is still the best all-rounder. It remains the most popular, affordable platform for DTP, paint programs and the like and still out sells all other formats when it comes to games. But what of 1995? Many software houses, initially reticent about the coming year are wising up. They know the Amiga has the most loyal user base. So expect to see a whole load of Amiga games in the next 12 months.

The battle of the football games is upon us – Sensible World Of Soccer and the alleged pretender to the crown, Football Glory. The verdict? Check out pages 48 and 72. Desert Strike successor Jungle Strike also gets an airing while the much-vaunted Rise Of The Robots finally arrives. Hot air or hot action? Page 70 has the answer. But enough from me. Have a great Christmas and a frolicsome New Year. Regards from all at AF.

AMIGA FORMAT'S REVIEW POLICY

Every month we scour the world's software houses for the latest and greatest Amiga games. We try to ensure we keep you as up-to-date as possible, and we'll stop at nothing to bring you the best, definitive, no-nonsense reviews of the games that matter.

WHAT OUR REVIEW SCORES MEAN 90+%

The crème de la crème of games. Only the very best, most playable and original games are awarded an AF Gold – the most highly-prized rating there is.

80-89%

These games are very good, but due to minor flaws are not the finest examples of their genre.

70-79%

Good games which are worth buying, especially if you have a special interest in a certain game type. 60-69%

Average releases with limited gameplay and appeal.

Games in this category tend to have significant flaws.

50-59%

Below average games like this are unlikely to impress your mates or your wallet. Try to avoid if you can. 40-49%

Overwhelmingly poor quality games with major flaws and appalling gameplay. They're an embarrassment.

Less than 40%

The absolute pits, the lowest of the low. Don't even consider borrowing 'em.

THREE-PAGE SENSIBLE SPECIAL

SENSIBLE WORLD OF SOCCER p48

Now with a management option and every major league team in the world. Is this the best ever Amiga game? Turn the page to find out.



JUNGLE STRIKE: Fly, shoot and shoot again.



SUBWAR: It's strife on the ocean waves.

REVIEWS

KEVIEWS	
Sensible World Of Soccer	p48
Jungle Strike	p52
Classic Collection - LucasFilm Adventures .	p56
Classic Collection - Delphine Adventures	p56
Subwar	p58
Marvin's Marvellous Adventure	n62
Waves Competition	p64
Power Drive	p66
Theme Park A500	p68
Charlie J Cool	p68
Rise Of The Robots	p70
Football Glory	p72
Charts	p74
CD ³² Games	p77
Re-Releases	p83
GameBusters	p89

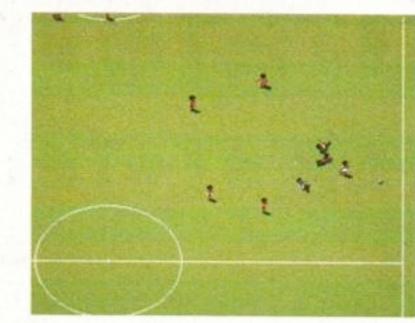






After three weeks of playing, living, sleeping and breathing Sensible World Of Soccer, Steve Bradley is convinced that it's definitely a game of two halves.

Sensible World Of Soccer



Bodies littered the field of play. Some of the contestants looked rather distracted. Others chased the ball. But football was the winner.

his is the game we've been waiting for. The anticipation was even greater than for the forthcoming Stone Roses album, Christmas, a winning lottery ticket and even the day Keith Chegwin turns up at your house with The Big Breakfast in tow. Which, inevitably, he will. Someday.

So what has changed? How could the Sensible team come up with anything finer than the last upgrade which introduced a Man In Black producing red and yellow cards? Well, for starters, there is now a stadium with colour co-ordinated crowds behind each goal. This

improves the atmosphere immeasurably, urging you to bulge the onion bag in the full knowledge that the gathered throng packed behind the net are your supporters. Add the press photographers and police, and it's just like watching real football in a real ground with real little men and... ahem. No, you can't smell the hotdogs.

Onion bags

But Sensible World Of Soccer (SWOS from now on) has a deal more to offer than mere finery. The management option sees to this. Now, instead of just playing leagues, cups and friendlies, you can have a career managing, or playing for and managing your favourite team. And this career can last for up to 20 seasons, chairman permitting – don't take that job at Aston Villa or Everton. Or Athletico Madrid. The ultimate objective, to be offered the England job. Or perhaps the Brazilian hot seat.

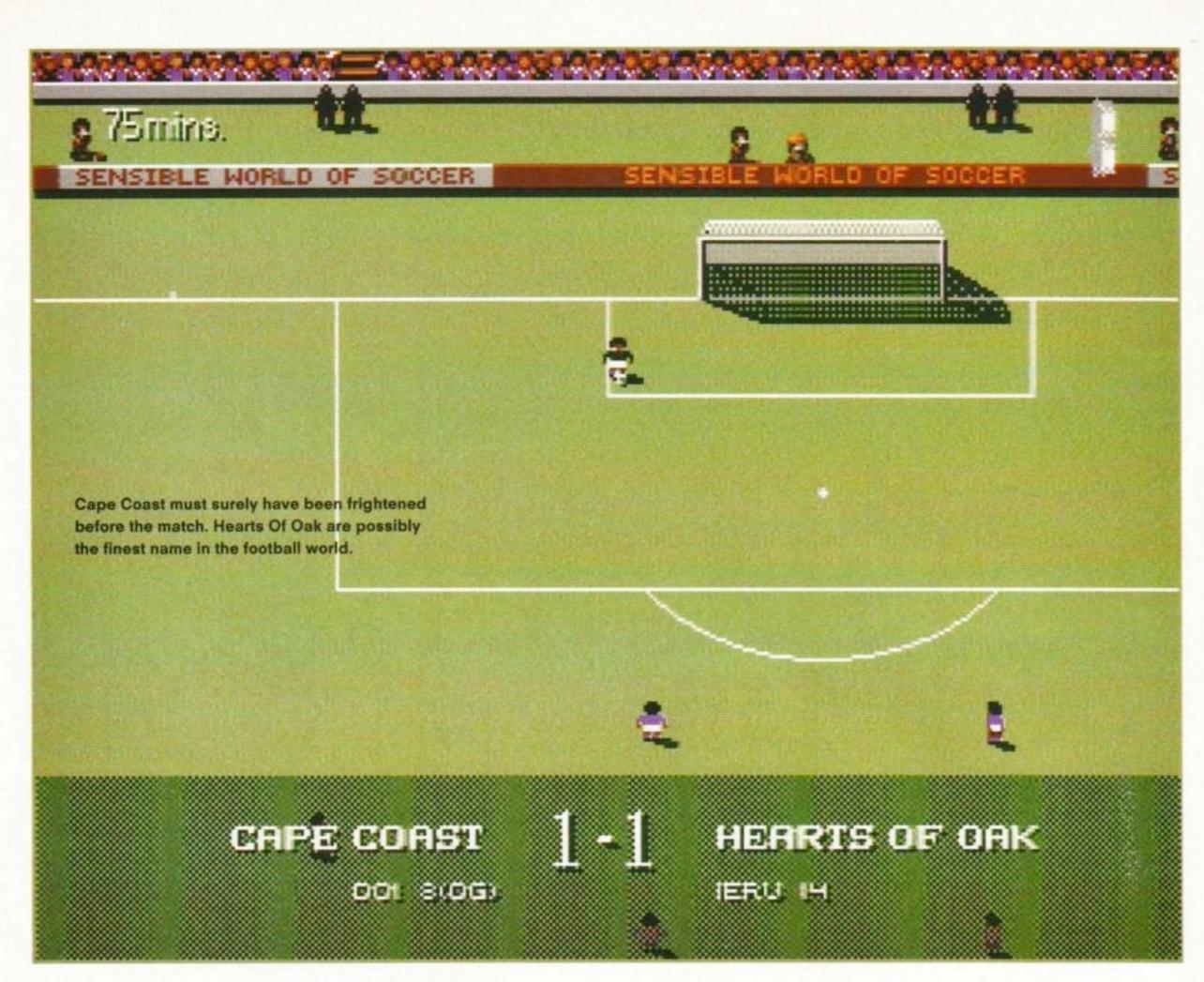
The number of teams you can boss is quite unbelievable – choose any club side IN THE WORLD and chances are it'll be here, whether it be Italy's AC Milan, New Zealand's Central Region outfit, Waterside Karori or Ghanian greats Hearts Of Oak. Staggering. And to cap it all, the

Omins	MATCH STATE	
LEEDS UNI		TTENHAM H.
4	GOALS	0
58/	POSSESSION	42%
16	GOAL ATTEMPTS	4
14	ON TARGET	3
1	CORNERS HON	1
3	FOULS CONCEDED	1
AND THE WAR SHOULD	BOOKINGS	1
0	SENDINGS OFF	0

At the end of each half, you are kindly provided with match statistics. Here is an example we prepared earlier. Leeds scored four more goals than Tottenham.

	PRE		IVISIO	4	5		
I OBUASI GOLDFIELS	PL 3	3	0	L O	F	A 2	FTS
2 DAWU YOUNGSTERS 3 ASANTE KOTOKO 4 HERRIS DE DAK	3	2		0	III GIII		100500
4 PERFITS OF ORK					3	-	5
5 NEOPLAN STARS	8		0	2	37	5.00	5
G GREAT OLYMPICS	3	0	2	2400	2	5	1020
8 ORNAHU STORES UD	m2 555	o .	O .	113m		6	· ·
HEARTS OF OAK				U YO	UNG:	The second second	RS XIT

Can you guide Hearts Of Oak to glory in Ghana's Premier Division? You can play for any team in any league in any country. You may even want to be someone as obscure as AC Milan.



The keepers have now undergone some severe tweaking. They've really wised up.

players all have real names (yes, we've checked them all, honest) and values, though some of the figures quoted for some of them are open to debate. So you're looking at more than 1,500 teams and 26,000 players.

The value of each player relates to his ability. Roberto Baggio, the Juventus maestro and top-priced SWOS star rolls in at a cool 17 million and he's brilliant. Shooting, passing, dribbling – you name it, he can do it best. And if you've got him in your side, you notice that unlike the normal Sensible player, the ball sticks to his feet like glue. Purists may not like this. They've spent a couple of years

honing their dribbling skills to perfection only for some Johnnycome-lately to come along, choose the teams with 10 million pound players and run amok.

Boot bags

But then, if you have mates who never play the game and you want a decent match, you can pit AC Milan against Kilmarnock and the game will be reasonably fair. In effect SWOS, in arcade mode, is different to the other versions – the star players see to that.

And what of the goalkeepers? Every experienced *Sensible* player can find the keepers' weaknesses but they've undergone some quite severe tweaking. No dashing to the edge of the box and blithely ramming the ball into the corner. No rushing diagonally into the area and swerving the ball past the hapless chap. They've wised up. Quick, short-passing movements in the penalty area can unlock the defence, or you might try dribbling past the keeper. The keepers are graded so it's easier to beat the bloke at Wigan Athletic than at Blackburn Rovers. Whatever, it's tougher all round to score goals.

One of the best new features in the management option is the

Continued overleaf ⇒

	EEDS UNI	TEO			
	CENGLAND	0			
O I JOHN LUKIE	G 6100K	0	Level	KIE J	THE RESERVED
O S SERVINELLY	RB EIM				
S DRIVID NETHERRELL	D 6200K	HETHER	HILL.	E-PIL	MER
EFIRE TON PRICHER	D ELSM	KELLY		1	DORIGO
O T FI. KANGAGELSKIS	RW EZM				
S CHRIS PRINCLOUGH	M £950K	-	elect	eule	H
O IO GREY MCRILLISTER	M EBM	NAME OF TAXABLE PARTY.	CHLL	- APPROPRIESTED THE	
I SARY SPEED	LWEZM	KANCHEL			SPEED
S RED MALLACE	A ELSM				
U ERIFINI DEFINE	A ELYM				
MARK BEENEY	G ESSOK	SISIE E		5,36	
3 N. HORTHINGTON	D EEOOK				
14 DAVID WHITE	A EIM	4-4-2	5-1	-	4-5-1
NOEL WHELAN	RN 6900K	G-2-2	36		4-3-3
		4-2-4		-3-	SHEEP
The state of the s		5-2-3	Sees	BITK!	DEFEND
可是自然表现中国 医发生		USER			SER B
Control of the last of the las	- W	USER			SER D
VIEW OPPO OK EDI	TTRETTES	USER	_		SER F

One of the delights of SWOS is the ability to strengthen your team. Mr Kanchelskis was perfectly happy to cross the Penines while Mr Ferguson seemed pleased with his two million quid.

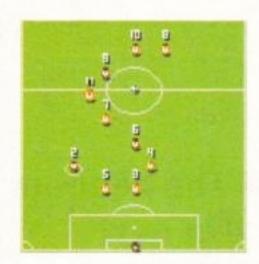
BANK STATEMENT	
SILLO	
OLD BALANCE:	SEP,813
GATE RECEIPTS:	SCH, FES3 +
GENERAL RUNNING COSTS:	- 6202,000
PLAYER SALES:	60
PLAYER PURCHASES:	03
PLAYER WAGES BILL:	- 268,214
TOTAL PROFIT:	+ 627,258
NEW BALANCE:	645,750
CONTINUE	

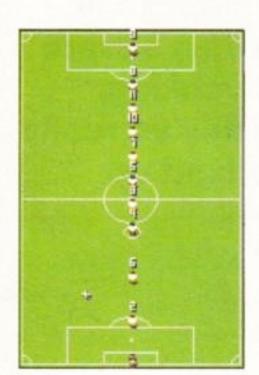
The financial side of football plays an important part. If you can't generate cash, you won't be able to strengthen your team. And then the board will give you the boot.



TALKING TACTICS

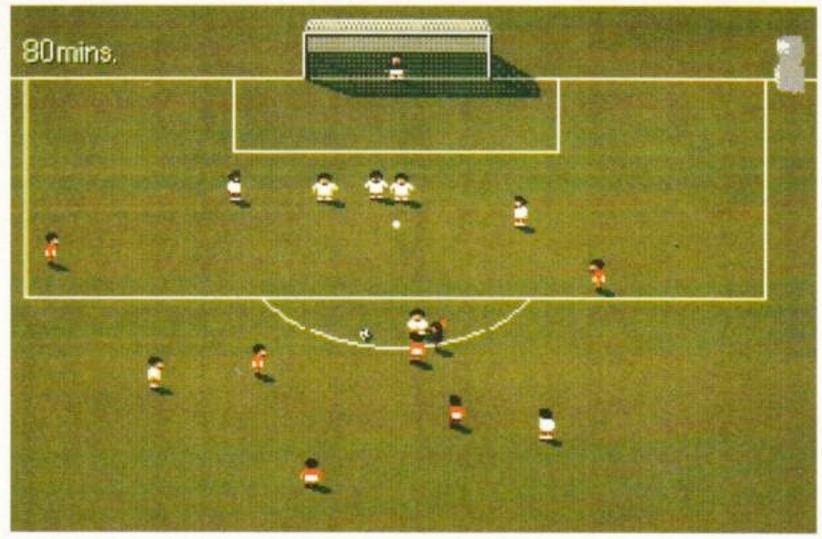








Tailor your formations to suit the need. The Italian 'keep ball' is excellent and the 's' is a fine manoeuvre.



Avoid bringing down opponents on the edge of the box at all costs. It's not worth losing a man because the goalies are likely to save most of the shots with their new-found brilliance.



Stats screens inform of what's happening around the world. Want to know how the J-League in Japan is shaping up? Easy.

worldwide transfer market. You can check over the players currently available or call up a club and attempt to poach their jewels. The likelihood is you won't have enough money for the great players, or the club will politely inform you that the player is 'not available'.

Magic sponge

Unfortunately this hampers your chances of signing Ryan Giggs for York City, but on the plus side, you can transfer list the players you dislike and with a little luck, bring in superior replacements. Speed for Kanchelskis



Every team in every country. Phew! How many other footie games have got the Taiwanese league. Or New Zealand's Southern Region?

anyone? Doh! You can even partexchange players if the price is beyond your means.

Given the brilliance of the goalkeepers, tactics play a significant part in SWOS. There are 10 pre-set tactical options and you can edit up to six different tactical styles according to how you want to play, or the quality of the opposition you face. The tactics are based on a grid which separates the pitch into 35 areas where the ball can be at a given time and 240 areas where a player can be – this allows you to tailor detailed formations. Not that you can



After Hearts Of Oak, the Dangerous Darkys are the finest-named team. And their best player also sports the best name – Sunday Nambale.

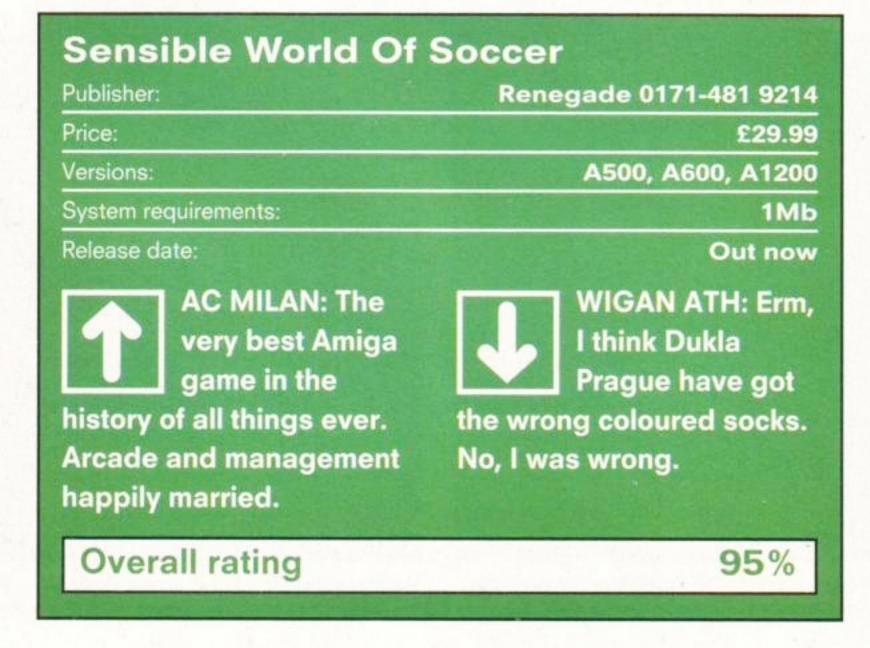
have your centre forward in one box attacking and three seconds later defending at the other end, but you can get more players to attack and defend in numbers.

The more players you can get into the box, the better, it would seem, the chance of scoring. You can now enjoy the benefits of deep-lying midfielders, overlapping full backs, wingers who cut in when they see the ball at the edge of the box – in fact, you can do almost anything. If you know that an opposing forward is worth 15 million, and therefore pretty 'handy', then you can instruct defenders to close down his space in certain areas of the field.

Magic mushroom

So, is SWOS the perfect all rounder? Is it a game that effectively makes all other arcade and management games redundant? Well, yes and no. It is the finest arcade football game, probably on any platform. Forget the pretenders – this is the ONE. OK, you might still find room in your hearts for Empire Soccer. Fans of the management genre might be put off by the lack of stats but SWOS concentrates on the football side of managing rather than the business areas. No worries about what's going on the advertising hoardings here.

Sensible World Of Soccer is every bit as good as we hoped it would be. As an arcade game, it improves on the previous incarnation, and the management side is enormous fun to play. It's way better than any other football game. Ever. And SWOS is as good an Amiga game as you can buy.



MODEMS

Top quality feature packed fax-moderns at amazing prices! All modems include a cable to connect the modem to the Amiga, NCOMM3 software, beginners guide to Comms disc and an 80 page manual. All modems include MNP 2 - 4 error correction, MNP 5 data compression and are FAX Class 1 & 2 Group 3 compatible.

Please telephone for a full specification sheet.

Speedcom+B 14400 modem Speedcom+Et 19200 modem Speedcom+Bf 28800 modem

£124.99 £164.99 £214.99

GP FAX software £39.99



SUPER LOW PRICES

X-BACKUP PRO

The most powerful disc back up system for the Amiga. Includes the unique Autoswitch Cyclone Cartridge (requires an external discdrive) that will enable you to back up virtually any floppy disc onto another floppy disc. Will also back up hard drives and includes a full file management system and dozens of excellent disc tools.

FULL MONEY BACK GUARANTEE:- If at the time of purchase you can find a more powerful disc back up utility. we will refund your money!



£39.99 (plus £1.00 for postage and packing)

HARD DRIVES

Our high speed 2.5' hard drives for the Amiga A600 & A1200 computers come complete with fitting cable, screws, partitioning software and full instructions and 12 months guarantee. They come already partitioned with Workbench installed for immediate use. We offer free fitting for personal callers.

£89,99 20mb 40mb £114.99 60mb £129,99 85mb £134.99 120mb £159.95

170mb £214.99 258mb £264.99 344mb £299.99

540mb £449.99

FREE

' HOW TO FIT YOUR HARD DRIVE' video and Stakker disc to increase the drives capacity with every drive,

Amiga A1200 only **£275**

if purchased with a hard drive. Price includes fitting. A500/A1500 hard drives also available. Interface is only £99.99.



MEMORY EXPANSION

A1200 4mb Memory accelerator with battery backed clock. Simple trap door fitting. Almost doubles the speed of the A1200. Zero wait state 32 bit wide Fastram. £169.99.

Expandable Memory accelerator with clock and FPU socket. This memory accelerator can be expanded from 2mb to 8mb and also have a Floating Point Unit fitted.

2mb £129.99. 4mb £189.99. 8mb £329.99.

20mhz FPU £39.99. 40mhz FPU £79.99. 50mhz FPU £119.99.

CLOCK CARTRIDGE

The clock cartridge will enable your Amiga to continually store the correct time and date in its own battery backed memory. Simply plugs onto the back of the Amiga and does NOT invalidate the warranty.



NEW! ONLY £19.99

ALSO AVAILABLE

A1200 CD ROM Drive £194.99

A1200 3.5 hard drive fitting kit

£17.50

Viper 28MHz £144.99

Viper 33MHz £214.99

Viper 40MHz £244.99

MONITORS

Excellent quality monitors for a superior picture quality with reduced eye strain.

Sharp 14' TV/Monitor

£174.99

Philips 8833 mk II monitor £249.99

Microvitec 1438 monitor £288.99



SOUNDBLASTER

The SOUNDBLASTER is a superb stereo amplifier that comes complete with 50 WATT high quality 3 way speakers, power supply and free stereo headphones. The SOUNDBLASTER adds a new dimension to games playing with its stunning stereo sound.



NEW LOW PRICE £34.99 (plus £5.00 for postage and packing)

DELUXE FLOPPY DISC DRIVE

Top quality, silent, 'Cyclone Compatible' 3.5'drive. Features long reach cable, on/off switch and thru connector. £54.99 Internal replacement drives A500/A500+ £44.99 A600/A1200 £44.99. 3.5 discs Supervalue bulk packed or branded discs 3.5" DSDD discs.

QTY Bulk Branded €4.25 €5.25 £11.99 €10.99 50 £19.99 £21.99 100 €36.99 €41.99 €78.99 €68.99 £189.99 £167.99



PRINTERS

These superb CITIZEN printers have a two year guarantee and come complete with a printer cable, paper and printer drive (if available).

ABC mono £139.99 ABC colour £154.99

Tractor feed unit for ABC printer £27.99

Swift 200 colour £180.99

Swift 240 colour £217.99

Projet 11 £213.99





No.1 for mail order

SALES HOT-LINE FREEPHONE 0500 340548

ENQUIRIES: 061 796 5279 FAX: 061 796 3208

No.1 for Amiga in Manchester

Order NOW for immediate despatch.

FREEPHONE

(for credit card sales only)

061 796 5279 for enquiries or fax 061 796 3208

Open 9am to 6pm Monday to Friday. Thursdays until 8pm, Saturday mornings 9am to 12pm.

Access, Visa & Switch accepted. Send cheques (made payable to Siren Software), Postal Orders or credit card details to :-

Siren Software, 178 Bury New Road, Whitefield, Manchester, M45 6AF England

> Personal callers welcome. Please phone first to check availability of any item.

Directions

From M62 junction 17, head towards Bury. We are 50 yards on the right after the third set of traffic lights.

All prices include VAT. postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the World.





Last time it was a desert, this time we're waging helicoptery warfare in a jungle.

Steve McGill sprays himself with mosquito repellent and gets stuck in...



Jungle Strike

CHOCKS AWAY!



Unlike Desert Strike, this time round the main attack chopper is a Comanche.



Skiddy, slippy, slidey hovercraft are fun to ride in and kill things with.



Remember kids when out on the roads, think once, think twice, think bike.



If you think Jungle Strike is noisy, then try out the F117A by Schh you know who.

f Zeewolf hadn't been released last month, and Jungle Strike wasn't a sequel, it would have found itself with an easier reviewing flight path.

Undoubtedly, Jungle
Strike is a fine game which
continues in the tradition of
Desert Strike's (AF46 87%)
pretty – though not
beautiful – graphics,
engaging strategies and top
boom boom explosions.

The structure of the game remains constant; nine separate campaign areas with several missions to be completed for each campaign. And each mission can be terminated in a different manner, depending on the peccadilloes of the gamer's playing style.



For example, as soon as you're confident with the control systems and worked out the damage capabilities of the three weapons, different approaches can be made toward hostile targets. The simplest maxim is: "don't waste missiles on static targets that don't fire back". Use the cannon instead.

Now to major gripe number one. As I said, there are three different weapons systems. To flick between them, you have to hit the space bar.

With Desert Strike, you could use a Sega joypad and the Amiga would



To rescue hostages, first blow up the building they are being held in. Kill all the hostiles you see and then rescue the prisoners.

read buttons B and C. The B button acted as Fire and the C button switched between weapons systems.

So, say you were approaching a base camp that had a few soldiers dotted around plus a Sheridan, it would be wise and economical to take out the soldiers with the cannon and the Sheridan with two Hydra and one Hellfire missile.

To do this efficiently, a suckered joystick and a smooth surface are needed. Otherwise it can end up

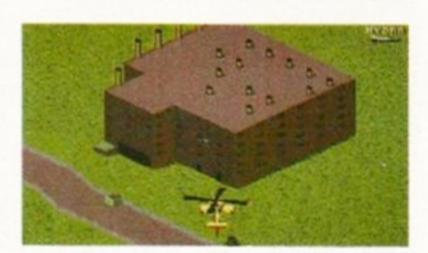
feeling as if it's a game of *Twister* you're playing. Tut tut. *Jungle Strike* is a game worth buying a CD³² controller or two-button joystick for.

But due to the pressure of time and marketing limitations, the option hasn't been included in *Jungle Strike*. A loss for the gamer and a poor element to the game.

And while we're at it, let's take a look at another fault that breathes longevity into the game for all the wrong reasons – the map screen.

The map screen contains vital information on the chopper's armour level, fuel consumption and weapon use. Apart from, maybe, the weapon usage indicators, fuel and armour should always be on display on the main view screen.

Otherwise, as is the case here, the map screen has to be constantly



Sometimes the contents of the buildings have to be destroyed before a mission is completed.



The infamous map screen. Where you find out about fuel, arms, armour, location, lives, hostages held, and mission objectives.



The quality of your wingman affects mission performance. In later campaigns, better wingmen can be rescued from POW camps.

Wait until you pick up some fuel, hear the acceptance click and still crash. Aaargh!

flicked to. A mechanism that's very irritating. When the chopper's engaged in battle, the last thing that the pilot wants to do is flick to a static screen. It kills the continuity and constantly reminds you that you're playing a computer game rather than righting the wrongs of the world. Tsk tsk.

In the picture

Zeewolf unobtrusively displays the armour and fuel level indicators on the right and left of the screen respectively. Checking them out is just a matter of moving your eye to the relevant part of the screen. And when it's necessary to flick to the map screen with Zeewolf, the top left corner of the new screen displays the game in miniature so that it can still be played while the relevant map



Little pig, little pig, let me come in or I'll huff and I'll puff and I'll blow your house in.

orientation is obtained. Continuity and suspension of disbelief is maintained throughout.

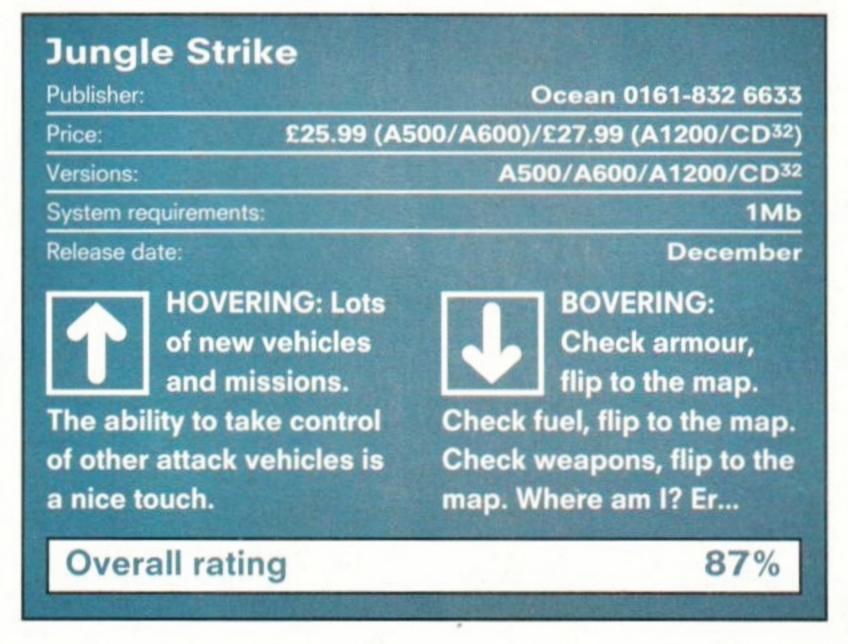
Don't get me wrong, Jungle Strike is a cracking game. In many ways it's better than Zeewolf. But, with a little more foresight and planning, it could have been a lot more fun.

Running short of fuel is always a problem due to the fuel indicator

residing on the map screen. By the time you're informed that you are short of fuel it's often much too late to do anything about it. An infuriating waste of life.

The bottom line though, is that Jungle Strike is an incredibly good game. If the user interface had been friendlier, it would have earned a Format Gold.

Jungle Strike is a fine game which continues in the tradition of Desert Strike.





FROM THE MAKERS OF THE WORLD'S GREATEST AMIGA MAGAZINE

- → Want to know what to buy next for your Amiga?
 We review and rate all the best hardware and software
- → Amiga Format's top 20 favourite games of all time
- Test your knowledge of the Amiga with our quiz and game!
- → Plus! Answers to your 24 most frequently asked questions



Amiga Format Annual 1995

- → From the people who bring you Amiga Format comes the complete buyer's guide for your Amiga.
- → 100 pages stuffed with more information than you'll know what to do with.
- → All the best Amiga hardware and software released over the last two years reviewed and rated.
- → The top 20 Amiga and CD³² games of all time.
- → 1994 and all that.
- → Plus! A special quiz to test your knowledge of the Amiga and an exclusive game to keep you amused over the festive period.
- → Plus! 12 Amiga Format secret recipes!
- → All this for only £3.95!

On sale now!

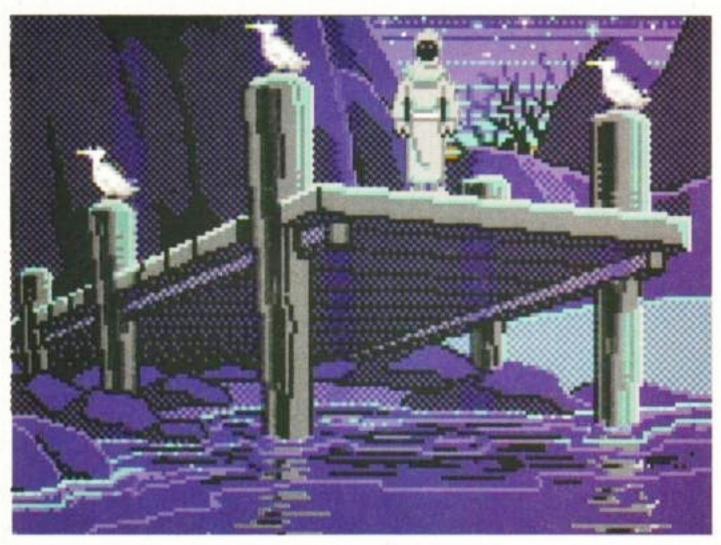


Steve Bradley casts his beady eye over two collections of games that both contain some of the classic adventures of all time.

Classic Collection – LucasFilm Adventures



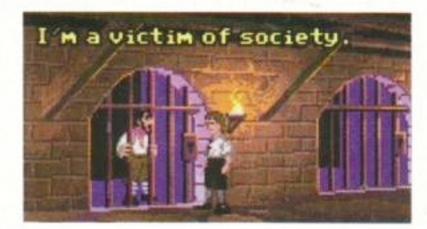
Zak McKracken And The Alien Mindbenders. Says it all, really.



The Weavers in Loom can weave reality with songs. You play Bobbin, a young weaver whose task is to save the world.

1990s, consistently produced the Amiga's best adventure games and The Secret Of Monkey Island is top notch.
Guybrush Threepwood is the star of this glorious, humorous graphic adventure, where witty word can defeat the might of the sword.
Readers, you will, and probably already do, love this game. Essential.

Searching for The Holy Grail while fending off Nazis is a pleasant pastime, particularly when you don't have to leave your bedroom. *Indiana Jones And The Last Crusade* is



The Secret Of Monkey Island is a piratic, swashbuckling affair and entertaining to boot.

another point 'n' click affair with puzzles galore and a woman called Elsa Schneider. Getting on a bit now, but fun nonetheless.

More pointing 'n' clicking, this time in Loom, an adventure about weaving in an apocalyptic land. Now some four years old, Loom isn't the most sophisticated number here but it ain't bad.

Zak McKracken, as the name suggests is a touch more wacky than Loom. Journo Zak has to save the



A tale of cheerleaders and all-American kids in Maniac Mansion.

Earth from aliens and you roam around solving numerous puzzles and soaking up the marvellous visual humour. Good old-fashioned fun.

And Maniac Mansion is more of the same. Kooky, if you will, in that American way. Your mate Sandy the cheerleader has been kidnapped and you explore the maniac's mansion, making contact with all manner of bizarre characters. And it's a whole lot of fun. The best adventure compilation around.

LucasFilm Classic CollectionPublisher:Kixx 0121-625311Price:£29.99Versions:All AmigasSystem requirements:1MbRelease date:Out nowOverall rating89%

CLASSIC COLLECTION – DELPHINE ADVENTURES

Publisher: Kixx 0121-625 311 ■ £29.99 ■ Versions: All Amigas ■ System requirements: 1Mb ■ Out now



mpressive compilation. Damn.
You're supposed to say that at
the end, aren't you? No matter,
these are all adventure games.
First up, Flashback. A futuristic
tale of the adventures of Conrad
Hart, a man who has had his
memory wiped because he was
clever enough to discover that the

Polygon graphics at their best in the atmospheric Another World.

folk in power are Morphs, rather than humans. Conrad has to wade through seven graphically gorgeous levels to return to Earth. The puzzles come thick and fast and there is enough platform and shoot-em-up action to satisfy most gamers. And the sprite is still the best animated and most fluid moving in any Amiga game ever. Brilliant.

Another World was the prototype for Flashback. It's similar to it in many ways only less impressive, particularly the gameplay. Scientist gets caught while experimenting. Kidnapped, another dimension, has to get back. You know the style. Good, but not as pretty or challenging as Flashback.

For Cruise For A Corpse think of Death On The Nile by Agatha Christie. Set on a ship in the 1920s, you have to wander around searching for clues and interacting with all manner of shady characters. There is a dearth of quality adventure games on the Amiga and this remains one of the best.

Future Wars isn't very good, so forget that but Operation Stealth is a challenging modern warfare affair. Looks a bit old fashioned, maybe, but it plays well enough.

Overall rating

85%

BREAKING AWAY FROM THE FLEET

HIGH SEAS Trader

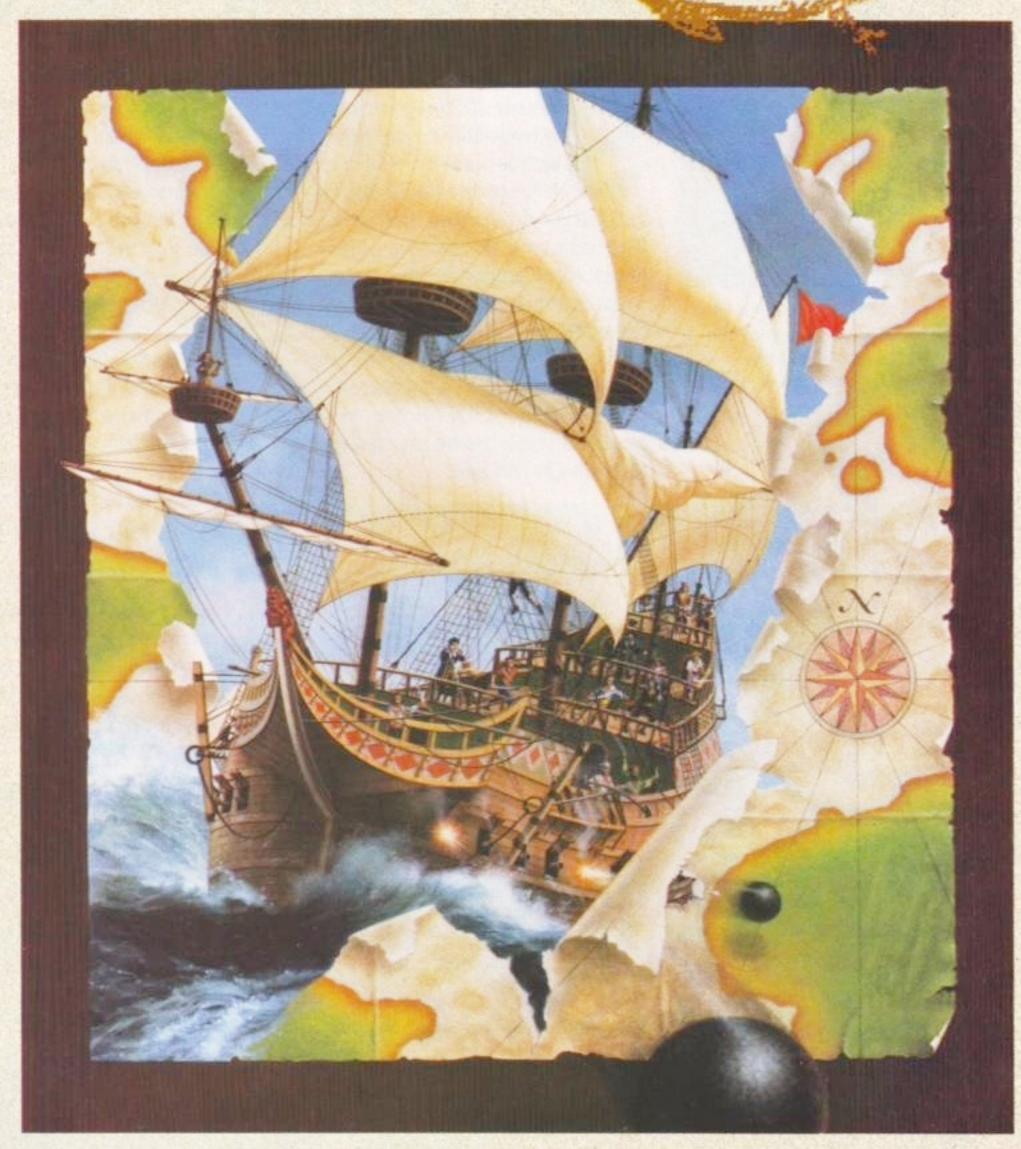
Ever wanted to sail into the sunset? Visit ports of call known only to grizzled 18th century sea captains?

Then let our unique first-person perspective and stunning 3-D graphics put the wind in your sails! Swashbuckle away as you trade goods, vanquish enemy ships and create routes to riches. Take time to gossip in local taverns, repair cannonball damage, and stoke up your crew's morale. (A little rum, perhaps?)

Chart your progress with our authentic navigational aids, and revel in a world long gone: Where fortunes are fiercely defended, and only skill stands between you and the deep blue sea!

Features:

- Variety of goods to trade and passengers to carry.
- Command a crew of soldiers, sailors and apprentices.
- Defend against pirates and enemy men-o'-war.
- Buy and enhance ships from several models.
- · Highly intuitive interface.
- Dynamic pricing and political models.
- Strong replayability.

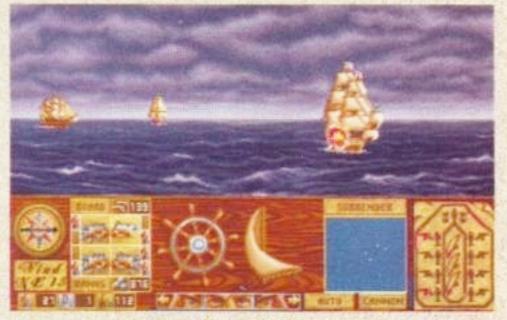




Travel the world in search of riches



Visit exotic ports on many continents



Engage enemy ships in realistic sea combat

Impressions

D

Steve McGill dons his frog suit and flippers and dives into the watery deeps. But will he find a buried chest full of glittering treasure, or just an old wreck?

Subwar 2025



Aside from the main piloted sub, you also have wing men whose position and orders can be changed from this screen.

is hopefully a new trend in simulations from Microprose. It takes the basic engine of a submarine simulation, marries it to a flight sim, and throws in a good measure of artistic licence as a present for the happy coupling's honeymoon. Or something.

It all works incredibly well too.

Subwar is certainly a lot more fun to play than any of the Microprose sims released since the heady days of Knights Of The Sky.

So just what is it that makes Subwar 2025 so much fun? Well, as previously hinted at, it's a submarine sim that plays and handles like a propellor-based flight sim. Which means that the reaction time and instrument watching time is unobtrusive.

In your sights

To make a kill, close-quarter contact is obligatory. It's where most of the artistic licence kicks in. For a start, you can easily see other craft and structures in the water. Which is an impossibility below about 100 metres in real life.

But that's where this game scores high points. For it obeys the law of virtual unreality. An area where more sims would score extra points if they were prepared to flaunt some of the more tedious aspects of physics and weapons systems.

But, that's not to say that Subwar 2025 flaunts the laws of submarine engagements. It doesn't. What it does do is present the data and information in a more user-friendly easy-to-understand package.

For example. In Silent Service 2
the navigation was done using
collated data from your crew. It was a
trifle tedious and relied on
calculations and chart feedback
rather than anything visual.

Whereas with Subwar, you've got a head up display that superimposes thermal layers and the weapon targeting systems of the depths on to the cockpit. This is incredibly handy for all of those classic submarine manoeuvres, such as skipping between thermal layers so that enemy sonar loses track of you. Or for 'grey knuckling', a manoeuvre where you turn the sub so quickly that it creates a knot of



NORTH ATLANTIC

The five missions of Subwar 2025.

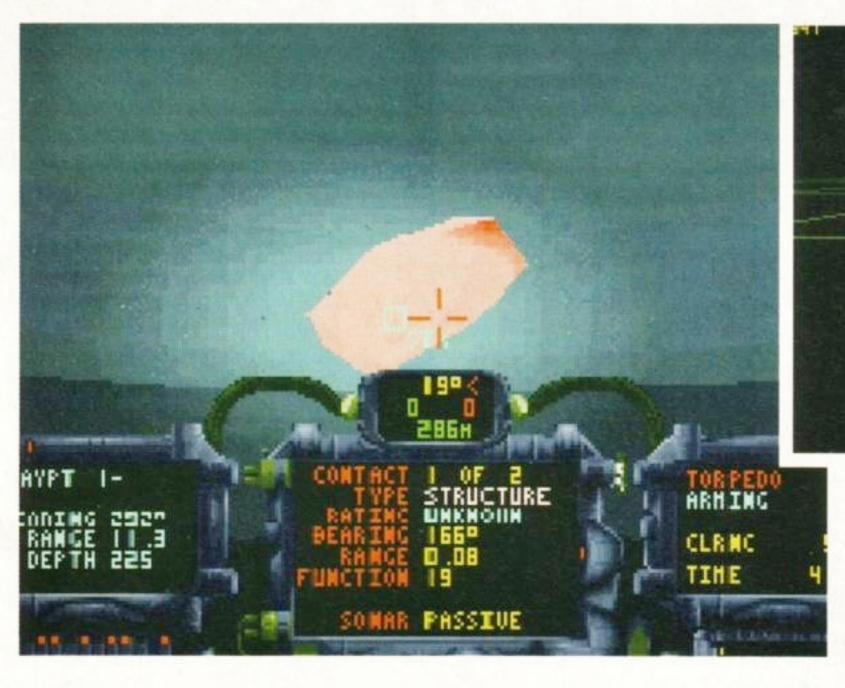
Despite the fact that the seabed, the marine life and the enemy vehicles aren't texture-mapped like the PC version, there are five different topographically correct mission areas to be engaged in. Dive! Dive!











ABOVE: The shading when you hit enemy submarines adds to the spookily atmospheric violence of the action.

LEFT: Lining up targets while trying to remain silent can be tricky. Especially when you know that there are some subs hunting you down.

turbulence and confuses the enemies' torpedoes. Or, failing that, you can fire a decoy from your tubes and hope that it's enough to fool the incoming weapon.

Curiously though, you can still shoot at the enemy visually, even if he happens to be in a thermal layer above or below yours. Tch.

Making music

All the usual views expected of a flight sim are here, including a novel view from the nose of the weapon that you've just fired. More traditionally, tactical, reverse and chase views are also included. If you're being chased, engaged in a dogfight or simply surrounded, the views prove invaluable. They help even the odds and that's got to be a good thing.

The final good thing, and this is a really good thing, is the sound. Very few CD buffs would be able to differentiate between the 8-bit underwater samples and whale song in this game and the 16-bit real

McCoy. And it makes the game very atmospheric - worth plugging into the hi-fi to heighten the tension.

The only gripe that can be held against this game is that Microprose haven't included a serial link. This sim would be a real killer of a game if you could go head to head against a friend. Considering that you also

Subwar 2025

have robot-controlled wingmen the stealth and tension would be nigh on unbearable.

Despite that, the game is still highly recommended and, with any luck, Microprose will release more sims with the same kind of frivolous artistic licence toward physical reality as Subwar 2025.



This is the central control room of the home base. All the major preliminary functions of Subwar 2025 are accessed from here.

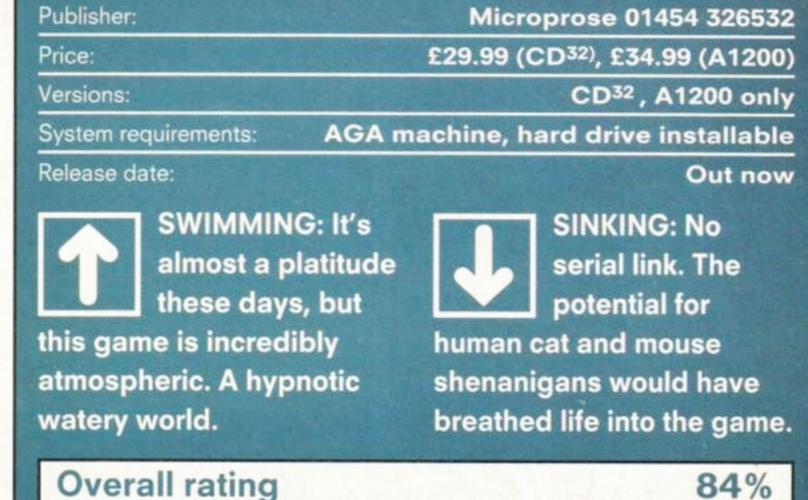
It's a submarine sim that plays and handles like a propellor-based flight sim.



Not so much a turkey shoot as a seal clubbing club. Take them out with your torpedoes.



There are eight character profiles to choose from. Here we see a famous Ayrshire patron.







United Public Do

The innovators

PU4 A64 EMULATOR NEW VERSION 3.0 12 disks.(2)+Y PUS AMATEUR RADIO 1 of interest to the radio ham! + PU55 ELECTROCAD PREVIEW circuit designer V1.41 + PU63 HAMLAB PRO V2.08 Convert VGA PC pics to Amiga + Y PU73/76 KING JAMES BIBLE Old & New testament(4) + Y PU80 MESSY-SID PC -Amiga file transfer program + Y PU86/7 NORTH C 1.3 Complete C compiler & Libs! (2) + PU97 PRINT STUDIO V1.25 for accurate printout of pics.text.+ Y PU108 ROT A simple 3D drawing package + Y PU149 ELECTRONIC PROTOTYPER "Veroboard" designer!+Y PU152/66 CLIPART SET: A 15 disk set of smaller clipart(15)+Y PU205 PC TASK PC Emulator Now Version 2 VGA! +Y PU208 ASI HANDYTOOLS 3 mega compilation of utils Y PU209 FRED FISH CATALOGUE contains FISH 1 - 1000 +Y PU229 JPEG 24 bit graphics compression util disk! +Y PU230 MORE PRINTER DRIVERS new printer drivers!+Y PU240 FREECOPY V1.8 powerful disk copying program!+Y PU245/256 C MANUAL Latest version on 12 disks! (12) +Y PU274 TRONICAD V1.36 Electronic circuit design1+Y PU279 V MORPH V2.30 Yes a PD morphing prog!!+ Y PU282 ASI MULTIVISION 2 Imagelab, Wasp & more, super+Y PU285 WORKBENCH 3 BACKGROUNDS, 1200 ONLY PU287 NUMPAD Numeric keypad emulation!(600 ONLY) PU288 ENGINEERS KIT Test your Amiga system! +Y PU291 1200 WORKBENCH HACKS Useful utils! Y PU292 1200 UTILS1 Gif & PCX datatypes etclA must/Y PU293/317 25 disks of Ham radio softwarel (25)+Y PU349 NCOMM V3.00 The latest version comms disk! +Y PU351 ASI FIX DISK Get old programs running on dos2/3+Y PU352 HP 550C & Cannon Bubblejet printer drivers! +Y PU357 CANON PRINT STUDIO A must for BJ owners! +Y PU358 PPAGE TEMPLATES, GENIES etc. Very usefull+Y PU359 PRO PAGE HELP DISK Extremely useful disk!+Y PU374 1200 UTILS 3 More new 1200 utilities!+Y PU384 THE GENEOLOGIST Superb Family database! +Y PU388 1200 HD PREP For all 1200 owners! Y PU393 ASI FIX DISK 2 Second exellent fix disk! +Y PU394 GRINDER V1.0 Picture file converter! +Y PU421 ASI DISK HELPER 1 Disksalv2, Doopy 3.1 etc+Y PU423 MULTIVISION 3 More super graphics utils+Y PU425 MAGIC WORKBENCH Unpacks 8 colour icons SUPERB+Y PU426 LOCKPICK2 Unprotects many programs.+Y PU427 ASI DISK HELPER 2 More useful utilities+Y PU430 GARDEN DESIGNER Design your garden.+Y PU433/4 TWIN EXPRESS Amiga-PC comms linkup (2).+Y PU440/5 IMAGINE OBJECTS & JPEG TEXTURES(6)+Y PU446 CRUNCHERS PACK 30 different crunchers + Y PU447 ASI MULTIVISION 4 Minimorph, agalab & more! +Y PU457 ASI VIDEO TITLERS Super video set. +Y PU458 ASI WORKBENCH 2/3 UTILS Very useful.+Y PU459 JPEG DATATYPES For Workbench 3 (1200 only) PU461 ASI MULTIVISION AGA Superb, for 1200 only! PU462 PROCAD ELECTRONIC V1 Super PC8 designer! +Y PG409 ROCKETZ An exellent 2 player thrust type game! +Y PG410 SANTA & RUDOLPH DO CHRISTMAS festive game! +Y PG411 INSECTICIDE blast the insects with the mouse! +Y PU467/8 WEDDINGS DTV brushes,pictures &anims(2)+Y PG412 SENSITIVE Clear the screen of tiles puzzle game! +Y PU469/70 SCALA BACKGROUNDS Hires backgrounds(2)+Y PU484 KNIT Good knitting pattern program! +Y PG413 THE FLAMING STAR A 1942 type shoot em up! +Y PG414 TECHNOWAR A very colourful shoot em up! +Y PG415 INTROGASH ADVENTURE A text & pics adventure +Y PU492 X-PASSWORD protection for hard drive etc!+Y PU508/20 MORE IMAGINE OBJECTS Yes 13 disks full(13) +Y PG416 ACT OF WAR MISSION DISK 4 more missions +Y PU532 SERNET/PARNET installation for CD32-Amiga link+Y PU534 FOOTBALL ICONS 8 colour icons of Football teams! +Y PU536 MAGIC WORKBENCH EXTRAS more super icons!+Y PG417 ANINE CARDS Extra cards for Klondyke AGA 1200 only PG418 FACES CARDS And some more as above. 1200 only. PUS37 FLICK 1.2 Play PC FLI animations on the Amiga! Y PUS38 WB3 LIBRARIES & DATATYPES Useful disk! Y PG419 CASE OF DR STRANGE nice platform game! +Y PU539 VIC 20 EMULATOR For nostalgia fans only! +Y PU541 ASI MULTIVISION 5 Fast jpeg,PPshow 4 & more! +Y PU542 ASI MULTIPRINT 3 E print, miser print & more +Y PU543 ASI MULTIPRINT 4 Epoch master print manager etc+Y PU544 AREXX USERS REFERENCE MANUAL useful disk +Y PU546 DYNAMIC SKIES Astronomy prog,also contains planets +Y PU547 SPECTRUM EMULATOR V2.0 Latest version I+Y PU548 REORG 3.11 latest version of this disk organizer+Y PU549/50 BUDDY IMAGINE SYSTEM helper disks! (2) +Y PU551 ASI DISK ARCHIVERS All the best, DMS, Lha.packdisk ! +Y

PU552/4 WALLPAPER wb or Magic wb in 8-256 colours! (3) +Y

PU557 SCION This is a Genealogy program! +Y PU558 JCGRAPH Demo version of a graphics package! +Y

PU559 IMAGE STUDIO graphics converter (shareware)+Y PU560 SWERVE BACKDROPS 256 colour (Dos 3 only) Y

PU561 SPECTRUM EMULATOR AGA for 1200/4000 only! Y

PU562 FINAL WRAPPER Some useful macros for Final Writer! +Y

PU564 WORKBENCH MATE designed mainly for hard drivel+Y

PU565 RACE INFO V1.01 horse racing program (shareware)+Y

PU566 COMIC COLLECTOR database for comic collections! +Y

PU567 TEE TO GREEN V1.1 Nice golf scoring program! +Y PU574 DISKSALVAGE V211.3 installs to hardrive,dos2 or 3 +Y

PU575 POWERCACHE V37.115 disk caching for hard drivel+Y

PU614 BLITZ CASE Programming using flowchart symbols! +Y

PU615 TERDS V2.30 A new Random dot stereogram program! +Y

PU576 HD CLICK V2.7 Latest version ofHard disk menu +Y

PU610/11 TAURUS TV TITLES TV titling program! (2)+Y

GAMES PG023 BATTLEFORCE strategy war game! PG026 CASTLE OF DOOM Excellent! Get it + Y PG028 COLOSSUS & WORLD Fab adventures I+ Y PG032 DRAGONS CAVE D&D style game Mega+ Y PG048 HOLY GRAIL One of the best Text adventures+ Y PG062 MENTAL IMAGE 1 Gridrunner invaders & rebound+ PG063 MORIA Classic adventure now version 5.4I +Y PG079 SEALANCE A submarine strategy game +Y PG124 TOTAL WAR This is a good risk type game! + PG153 WAR very good strategy/arcade game+Y PG178 MENTAL IMAGE 2 Three Excellent new games +Y PG183 CATACOOMBS great D&D style game. VG.GFX +Y PG191 ACT OF WAR New space strategy game! +Y PG191 ACT OF WAR New space strategy game! +Y
PG218/9 CLASH OF THE EMPIRES Super strategy!+ Y
PG255 KINGDOM AT WAR Nice strategy war game!+Y
PG258 AGA TETRIS 1200 tetris game & more! Y
PG260/1 18TH HOLE A nice golf game! (2) +Y
PG262 AGA CHESS Needs 4mg of ram to play! AGA ONLY.
PG301/2 MOTOROUA 020 INVADERS For 1200 ONLY!(2). PG303 MAD FIGHTER Fab PD version !1200 ONLY. PG313 ROAD TO HELL Super driving race gamel+Y PG319 PROFESSIONAL BINGO Great , with speech+Y PG329/30 STARBASE 13 Graphic space adventure(2) +Y PG333 ICERUNNER loderunner type platforml+ (Not 1200)

PG341 MUCUS Platform puzzle & a slideshow! +Y PG342 DEPTHCHARGE Depth charge the enemy subs!+Y PG346 KISS THE CANVAS Control 2 huge boxer figures+Y PG360 RAISE THE TITANIC A nice 3d game! +Y PG361 A DAY AT THE RACES Horseracing manager? +Y PG366 SENSIBLE MASSACRE Shoot the footballers! + PG368 THE SHEPHERD Great shareware Populus style+Y PG369 KNIGHTWOODE A nice graphic adverture! + PG373 SCOTTISH FOOTBALL MANAGER Good! +Y PG374 AUTOMOBILES Overhead view car game +Y PG375 BUCKTOOTH BOB This is a crazy platform game +Y PG377 OVERLANDER Nice shoot up game! +Y PG378 FIGHTER DUEL PRO 2 Flight sim 2mg \ PG381 EVIL INSECTS Nice shoot em up, AGA only! Y PG383 ZOMBIE APOCALYPSE 2 Gory shoot em upl +Y PG384 BANDIT MANIA fruit sim demo by Mental image+Y PG386 PYRAMID GAME Good demo puzzle gamel+Y PG392/3 THE SUITCASE Nice graphic text adventure!(2) +Y PG395 BLACKDAWN 2 Dungeon master type , 10 level demo! +Y PG396 GAME WARPER 020 1200 only cheats disk, exellent. Y PG397 NANO FLY control a fly collecting orbs & disks, great! +Y PG399 BACMAN AGA A good AGA pacman clone (1200 only) PG400 CHARLIE CHATTERBOX Collect fruit,like dugger,! Y PG401/2 STARWOIDS Superb Olds style game! (2)+Y PG403 LIFE AFTER DEATH Very nice text adventure game.+Y PG404/5 WRESTLING 2 player wrestling simulation 1(2) +Y PG407 HYDROZONE Travel through the corridors, great fun! +Y PG408 WIRED CHAOS A great 5 player fron game! +Y

PG420 ZORB 2 knock other balls off the playfield!+Y PG422 GORY STORY A new text adventure. +Y

The best selection of PD games ever assembled anywhere now all autoboot on A1200! (though not all games will run) Something for everyone!

ASSASSINS 1-220 in stock, Latest listed below:
ASI 196 Shoot out, Sole Defender & Street Speed +Y
ASI 197 Pipeliner, Cubik & Overlander +Y
ASI 198 Scots football manager, Viper & PushI+Y ASI 199 Mastermind, Defender & Popcom +Y ASI 200 Pub darts, Battleships & Caverunner update +Y ASI 201 Hydrozone, Dizzy lizzy & Orb-II +Y ASI 202 ST bash, Toy box & The race. +Y ASI 203 Croaker, Metal & Gol +Y ASI 204 Blackdawn 2, Killer Tomatoes & JVP. +Y ASI 205 Looty, Greeniz & Poker Squares. +Y ASI 207 Sensible Massacre, Spitfire Assault & Slide it 2, +Y ASI 208 Knights, Puzzle & Psycho squares. +Y ASI 209 Trick or Treat, Spacetaxi & Vector tank+Y ASI 210 Touch n Go, Wagglemania & Hop & Hurll+Y ASI 211 Minidash, Happymonster & Dolmingo +Y ASI 212 Gammazone,Ooze & Take the money I +Y

BUSINESS

PB001 AMICASH bank management program+Y PB004 ASI LABEL PRINTERS 3 of the best+Y PB006 BUSINESS CARD MAKER Nice program+ PB008 DESKTOP PUBLISHER Simple to use +Y PB011 MISC BUSINESS Geotime, Grocery list, Calc PB013 QED Simple & effective text ed+Y PB015 TEXTPLUS V3.00 The BEST Wordprocessor +Y PB017 VISICALC SPREADSHEET Simple to use+Y PB019 BUSINESS LETTERS contracts, letters + more+Y PB020 TEXT ENGINE 4.1 THE LATEST Version III +Y PB022 BBASE IIIv1.3 Latest version of super database+Y PB023 FORMS REALLY UNLIMITED form creation prog+Y PB024 LAST WILL & TESTAMENTS Just in case !+ PB026 AGRAPH Superb Program graphing data +Y PB029 ADDRESS PRINT Good label printing program! +Y PB030 THE MONEY PROGRAM Home accounting! +Y PB034 ILLINOIS LABELS Super label program!+Y PB035 BUDGET V1.34 manage personal financesI+ PB036 CHECKBOOK ACCOUNTANT V2.01 superbI+Y PB037 AMIBASE PRO II Latest version of database! +Y PB038 BUDDBASE V1.2 Very nice easy to use database+Y PB040 PAY ADVICE ANALYSER V4 Latest version! +Y PB041 AMIGAWORD A useful geographical database!+Y PB042 EASYCALC PLUS+ Improved, only dos 2 or overl+Y PB043 ACCOUNT MASTER Home finance program. +Y PB044 EDWORD PRO V4 Superb new version! +Y PB045 FH SPREAD A nice spreadsheet program! +Y PB046 PERSONAL DIARY Keep track of your life.+Y PB047 ON FORM V1.1 Exellent invoice/order printer+Y PB049 CHEQUE MATE! Check your financial heath! +Y PB050 EPOCH Address book & Calender programs! +Y PB051 KBE REMINDER Personal organizer/calender +Y PB052 ASI OFFICE HELPER Show STD,Home budget, etc +Y PB053 ASI OFFICE HELPER II Phonedir,Quickfile, loan etcl +Y PB054 ACCOUNTS MASTER V3 Latest version of this package! +Y PB055 MARBLEBASE database with nice marble background! +Y PB056 MORTGAGE CALCULATOR simple mortgage calculation +Y

EDUCATION PE001/5 EDUCATION SET science programs for ags 11+ +Y PE007/8 LEARN & PLAY Maths, spelling etc. 5-10 yrs +Y PE013 SIMON & SPACE MATHS Talking maths program PE014 SPANISH, FRENCH, GERMAN TUTOR+ Not 600! PE027 AMIGA BEGINNER Learn to use your machine+ Y PE028 MATHS ADVENTURE Solve questions to progress+Y

PB057 ABANK complete with bar & pie charts +Y

PE030/2 DESKTOP GUIDE TO ELECTRONIC MUSICI(3 +Y PE034 WORLD GEOGRAPHY Quite useful disk! +Y PE035 KIDS DISK1 Super to learn reading! +Y PE040 HOW THE EARTH BEGAN The full story! +Y PE041 SINGALONG NURSERY RHYMES Good fun! +Y PE042 CHILDRENS FAVOURITES More nursery fun! +Y PE046 TOTAL CONCEPTS DINOS 3 PREVIEW Super +Y PE047 ASI BACK TO SKOOL1 Style Count & Words +Y PE048 ASI BACK TO SKOOL2 Simon Call maths train etc+Y PE049 BACK TO SKOOL3 Treasure search, Reflex etc+Y PE050 THE LITTLE TRAVELLER Learn about countries+Y PE052 COMMUNICATE Superb sign language teacher! +Y PE053 HIWAY CODE QUESTIONS & ANSWERS Useful +Y PE058 WORD FACTORY Learn to spell! +Y

PE062 ANIMAL LAND Superb early learning1+Y PE063 DINOWARP A nice quiz on Dinosaurs! +Y PE071 FRENCH VERB TESTER Test your French! +Y PE072 CALCULUS MATHS Mental arithmetic tester! +Y PE073/4 KIDS DISK 3 A comic book for kids(2) +Y PE075/6 TUTANKHAMUN Educational slideshow(2) +Y PE077 GCSE MATHS A very useful program! +Y PE078 A - Z Paint Nice program for the kids, +Y PE081 VISIT TO MARS Educational slideshow! +Y PE082 TYPING TUTOR Super for beginners! +Y

PE083/4 APOLLO 11 hyperbook about Apollo missionl(2)+Y PE085 KIDS DISK 5 Roboprogo, Alphasnap & Takeaways +Y PE086 KIDS DISK 6 Contains super Shopping list game! +Y PE087 EASY EDUCATION Contains Fun maths & Telling times +Y PE088 AMIGADOS GUIDE guide to basic Dos! +Y load WB.
PE089 READY ROBOT DEMO program for kids!(needs fastram)
PE090 ALGEBRA & TRIGONOMETRY Some help for GCSEs? +Y

AMOS PD

APD036 AMOS UPATER LATEST VERSION v1.36 + Y APD182/3 PIXIE KINGDOM Good exploration game (2) + APD257 CASSETTE LABELLER + MIXED SOURCE+Y APD271 WIZARDS DOMAIN graphical adventure+Y APD341 TOTALLY AMOS Good read for programmers +Y APD347 NOTEBOOK & SHOPPING LIST Easy to use I+ Y APD373 COMPILER 1.36 UPDATE, LATEST compiler I+Y APD452 RAMOS PRO For Amos Professional! +Y APD458 TOP OF THE LEAGUE Football manager!+Y APD466 AMOS PRO UPDATER V1.12 Just in!!! +Y APD590 FAMILY HISTORY DATABASEV2.2 Latest! +Y

MUSIC

PM010 AMEGA PARTY WINNERS Four WICKED songs+ Y PM016 BEATLES SONIX Nice music +Y PM112 TECHOMANIA II 8 essential hardcore tunes+ PM122/4 PLAYSID 2 (3) You must get this IIIII +Y PM125 PLAYSID inc.RobHubbard, ManiacsOfNoise + Y PM155 VINE G-RAVE 5 more good rave tracks!!! +Y PM167/8 JESUS ON ES Crazy rave music demo! +(2) PM179 PLAYSID V2.2 More old 64 style musicl(not1.3) +Y PM200 DATA-X TRILOGY 3 raved up pieces! +Y PM201 DATA-X THE VICTIM 6 more music tracks! +Y PM203 BIO MECHANOID SYMPHONY NO 1 (1200only) PM217 LEGALIZE IT 1 Great Amiga music disk! +Y PM226 DATA X RENDITIONS More good rave music! +Y PM227 DATA X EDGE OF DARKNESS 5 Jurgle-core ! +Y PM228 DATA X XMAS CRACKER Hardcore Carols?? +Y PM229 WORM FOG Punk Heavy guitar music! +Y PM230 MELODICALLY CORRECT Pleasant modules! +Y PM231 RAVELENTH 3 well done rave tracks.+Y PM232 MBC POING REMIX 10 Remixes of Rotterdam +Y PM233 MBC RAY COKE SAMPLES disk of MTV team! +Y PM234 MBC WIND IT UP Prodigy remix disk! +Y PM235 MUSICALLY CHALLENGED trackered music. +Y PM236 COLD FUNKY KILLER MK2 3 15 mins of technol+Y PM241/2 TROOPER MODS 10 or so Octamed modules (2) +Y PM243 WIND IT UP MEGAMIX Fab rave music & graphics +Y PM244/5 METALLICA RIDE THE LIGHTNING Octameded!(2)+Y PM246 MATRIX CHILLOUT EP 4 housey type songs, good!+Y PM247 MATRIX KAOS EP 4 breakbeat style songs!+ PM248/9 ROCKILY Some nice music! (2) +Y PM250 MOVE ON Huge Octamed module needs 1mg chip! +Y PM251 GENIUS RAVE 3 big rave modles!! +Y PM252 MEGA MUSIC Some nice med type music on this disk! +Y

CLASSICAL MUSIC

PM012 AMIGADEUS CLASSICAL Eine Kleiner etc. + Y PM022/23 CLASSICAL MUSIC Bach, Handel etc +Y PM035 DIGITAL DEBUSSY Fab R Baxter conversionsl+Y PM036 DIGITAL DEBUSSYII classic Debussy music!+ Y PM070 RHAPSODY IN BLUE tracked by Rob Baxter! 1MY PM082a/82b VIVALDI - FOUR SEASONS (2) V Good I+ Y PM090/91MOZART HORNCONCERTOS need 1mg chip+ \ PM130/2 BACH BRANDENBURG CONCERTOS 1 to 6 +Y 3 PM150 DESKTOP HARPSICHORD RECITAL Classics! + Y PM165/6 NUTCRACKER SUITE Super rendition!+ PM174 CLASSIC WORKS Grieg & Bach classics! +Y PM175 SONIX MUSIC Some nice scores here!(loadwb)+Y PM183 CLASSIX GOLD Bach Toccata& Fugue (1mg chip) PM184 MOZART FLUTE CONCERTOS 1mg chipl +Y PM218 HANDELS FIREWORKS MUSIC (1mg chip) +Y PM220 SONGS FROM THE GUIDE Rob Baxter 1 mgchip +Y PM220 SONGS PHOM THE GOIDE Hob Baxter 1mgchip +Y
PM224 LARGO FROM BEETHOVEN Plano Concerto in C +Y
PM225 CLASSIC PIANO music from Chopin, Thaikovsky etc!+Y
PM253/4 AMIGADEUS II Super Mozart from Robl(2) +Y
MUSIC UTILITIES

PT011 KAWAI K1 editor for patch changes! PT012 KAWAI K4 editor as above? PT015 MIDI DISK Various midi stuff + PT038 YAMAHA DX100,TX81Z, DX27,DX11 & FB01 editors PT040 OCTAMED V2 8 channel MED sequencer(+Y PT048/52 MODULES 5 disks of large music modules! (5)+Y PT053/57 METAL MODULES 5 disks heavy rock/metall (5) +Y PT058/62 BREAK BEATS 5 disks of drum samples (5) +Y PT063/67 VOCALS 5 disks of super vocal samples! (5)+Y PT068/70 DRUMKITS 3 disks of high quality drums! (3)+Y PT071/73 KORG SAMPLES 3 disks of keyboard sounds+Y PT074/76 PURE SAMPLES Lots of assorted samples!+Y PT078 CHIPMAN SAMPLES over 70 samples here!+Y PT080 XI RAVE SAMPLES Bass & Drums! +Y PT081 SAMPLEMAKER V3.1 Make samples, +Y PT086 CHIPMAN SAMPLES II More samples! +Y PT088 X-8EAT V1.1 Exellent drum machine program!+Y PT090 SOUND EFFECTS Animals,Military & Vehicles(3)+Y PT093 OCTAMED TUTOR Very useful for learners! +Y

PT095 AUDIO MAGIC 6 FM synth, Quaddra & more! +Y PT096/7 MT32 MIDIFILES for Roland MT32 module! (2) +Y PT098/109 crammed with hundreds of midifiles! (12) +Y
PT115 RADIO JINGLES 14 great jingles! +Y
PT121 AC/DC & DEEP PURPLE MODS 2 huge rock mods!+Y PT122 SOUNDMACHINE Play & convert WAV & VOC to IFF! +Y PT123 MIDI PACKET MASTER Super midi software! +Y PT124 AUDIOMAGIC 7 Quadracoomp 2.3, Multiripper etc +Y PT125 AUDIOMAGIC 8 FM Synth 3.2. Delux music player etc+Y PT126 AUDIOMAGIC 9 Prowizard v2, Mastermidi etc+Y AUDIOMAGIC 10 Sampex 1.2, Sound effect etc+Y PT128 SONIC DRUM KIT Good little drum machine! +Y PT129 DELUXE MUSIC SCORES classics by L Harwood! +Y PT130 MUG BASS SAMPLES Lots of good samples! +Y

PT131 MUG DRUM SAMPLES 1 A load of good drum samples+Y

PT132 MUG DRUM SAMPLES 2 And more of the same! +Y

ANIMATIONS

PA039 ERIC-S AMY VS WALKER Cute & sexy! 1,5M Y PA040 ERIC-S BATMAN vs.JOKER Very funny!!!+Y PA042 ERIC-S COYOTE STRIKES BACK 1mg too! + PA043 ERIC-S MORE AEROTOONS Very witty III+ Y PA045 ERIC-S STEALTHY II Mig-29 vs Sleatity I+Y PA074 THE WALKER vs The Helicopter - Mega I+ Y PA075 THE WALKER vs A2000 A classic I + Y PA086 FRACTAL ANIMATION full screen low fly anim+Y PA091/3 GAS TURBINE, STEAM & PETROL ENGINE (3)+Y PA094 AMY JOGS WALKS & SNEEZES by E Schwartz! +Y PA095 HOW TO RUN INTO A WALL by Eric Schwartz! +Y PA101 DOLPHIN DREAMS Great Dolphin anim! + Y PA103/4 KINGFISHER 2 Superb bird animations!+ Y PA118 3 SCHWARTZ Skydive Soft landing & bomber! +Y PA119 STEAM ANIMATION V2.0 Now with sound! +Y PA120 TWO STROKE PETROL ENGINE Super anim+Y PA141 STIRLING II ENGINE Another tab engine anim!+Y PA151 XWING ANIM Nice star wars animation.+Y PA154 DAFFY LOSES HIS HEAD Amusing animation! +Y PA155 THE INCREDIBLE FLYING ZAMBINI BROTHERS!+Y PA156 FLYING LESSONS An amusing cartoon animation!+Y PA157 TWINGO A good Cartoonish French animation!+Y PA158 CROWN JEWELS A queen on a galloping horsel+Y PA159 SNOW HORSES Horse galloping in the snow! +Y
PA159 SNOW HORSES Horse galloping in the snow! +Y
PA163 KNIGHTY NORMAN Funny mediev! anim! +Y
PA164 KNIGHTY NORMAN 2 More old tashioned tun +Y
PA165 DO DO RETURN TO DESERT Cartoony animation! +Y PA166 HILLBILLY ANIMATION Another funny Carl animation! +Y PA167 BEACH ANIMATION More from Carll +Y PA169 DINOWALKER ray traced dinosaur & people jogging! +Y PA170 JASON BROWN ANIMS Great anims & drawings on this disk!

PP001/2 ANTI LEMMINGS (2) This is Brillianti 2M PP003 AT THE MOVIES anim of Amy squirrel 1.5M+Y PP004/7 AUTOMATED LIGHT (4) Battlestar galactical 3M PP008/10 BUZZED (3) Great anim of wasp crashing! 2M PP011/12 DATING GAME (2) Very wittyl, Get it. 3.5M! PP016 GULF WAR Another ES production! Good 2M! Y PP021/4 LANDING (4)Tobias Richter poweranim 4M!
PP025/27 STATION AT KHARN (3) Incredible 2M demo Y
PP036/7 WALKER DEMO (2) A 2mg version of a classic!
PP040/43 AT THE MOVIES II (4) Hilarious | 1mg>3mg PP044/45 AMY V WALKER II (2) witty ES demo 3M PP046 SWEET REVENGE Coyote vsRoadrunnel 1.5mg+Y PP050 UNSPORTING Wicked Schwartz cartoon+ 2M Y PP051/2 CHARLY CAT Super Shwartzlike cartoon! 2mg,Y PP053/4 CHARLY CAT AT THE BEACH 2nd anim 2mg/Y PP057/9 CHARLY CAT CATCHES A CANARY Fabl 3MG. PP050/3 CHARLY CAT MOUSTERMIND Great! 3.5MG. PP065/6 CHARLY CAT SNOWJOKE Latest anim 2mg. + Y PP067/9 SPEED LIMIT 3mg motorcycle racel + Y (3) PP070/1 LEMMINGS REVENGE amusing anim! 2mg Y PP074/6 G.I. SPY 3mg anim from chartle cat author! (3) PP077/64 THE HAUNTED Tremendous animation,3mg/(8) PP090/1 ROADHOG ANIM Very funny 2mg animation (2)Y PP099/100 AT THE FLIX Charlie cat again! (2) 2mg PP101/4 QUALITY TIME Superb Shwartz 5mg anim (4)! PP108/10 CHARLY CAT IN SICKNESS & HEALTHI(3)3mg! PP111/2 BUGSBUNNY&SPACEMEN Action 2)2mgY PP119 BAITMASKING Another fun Shwartz ariim 2mg(2)Y PP120/3 LAST STAND ON HOTH Fab space animl(4)3mg PP127/30 CHARLY CAT DANDRUFF DUO Amusing (4)3mg PP133/5 CHARLY CAT AT XMAS Good, needs 3 mg/ PP136 ATTACK ANIM Great Gulf type animation 1.5mg Y PP137/40 HEADING FOR HOME Raytraced space (4)3mg PP141/4 MEAN MACHINE Console battle! MEGA (4)3.5mg
PP151 VALKYIE Spaceship turns into a robot! 2mb. +Y
PP152 HIGH SPOT FUNKY DANCER Dance in high places? 2mb +Y PP159 MORPHY conjuring woman by E Schwartzl 4mg+Hard drive! PP172 APACHE On location in the falklands by Steve Hood! +Y PP173 PLEASE RELEASE ME Very amusing but short anim 2mg +Y PP174/5 DARK IMAGE Animated Dr who story by G Smith1(2) 2mg+Y PP176/7 SENSILLY SOCCER football anim by Steve Hoodi(2)2mg+Y PP178/9 SCAREDY BAT new anim from Steve Hood! (2) 2mg +Y PP180/4 CHARLIE CAT CORAL QUARREL needs 4.5mg! (5) +Y PP185/9 CHARLIE CAT JAP CAT JAPES needs at least 2.5mg(5)+Y

PS120 KEITH RHODES SLIDE 3 superb fantasy pics!1200 only Y PS125 REVELATIONS SLIDE staggering quality arti+Y PS148/54 AWSOME JPEGS ray traced jpeg 24bit images(7) PS165/7 WORLDS BEYOND sci-fi on 3 disks(3)AGA ONLY Y PS168/9 SEVEN SEAS Quality fantasy art. A MUST havel(2) +Y PS171 KEITH RHODES SLIDE 2 superb fantasyl 1200 only Y PS172 MECHANIX SLIDE AGA 8 superb Jpeg pics 1200 only. PS173/5 AWSOME JPEGS 8-10 Stunning (3) 1200 only PS177/8 IMAGINE VIDEO COLLECTION by Craig Collins (2)+Y PS179/82 MINI AGA SLIDE 4 disk set of AGA pictures (4)1200 only Y PS183 THE MYSTERIES OF MARS Pyramids & Faces on Mars?? +Y

Fonts for DTP.

UI58 FONTS AND RAM MANAGER BIG video fonts+

PU185/8 COSMOPOLITAN FONTS (4) Packed with fonts+Y

*U331/43 COLOUR FONTS(ASSIGNABLE)Dpaint etc(13) +Y PU356 FONTFARM Contains 55 large & Small fonts! +Y

PU201 MALICE FONTS Exellent tiny fonts for Dpaint!+Y

PU226/7 C-EYES FONTS For use in Dpaint, WB, esc.(2)+Y PU278 GELIGNITE PONTS IV Yes more Iff forts!

PU391 FONT FARM 3 Another disk crammed with fonts+Y

PU451/2 HARLEQUIN FONTS Hires fonts & textures\(2)+Y

PU463 BLUE ROSE FONTS 1 Superb cut & paste fonts. +Y

PU464 BLUE ROSE FONTS 2 great cut & paste fonts! +Y

PU465 BLUE ROSE FONTS 3 with a Christmax theme! +Y

PU521/4 BLG FONTS Full of good cut & paste fontx!(4)+Y

PU525/6 CINNAMON FONTS 2 disks full of coloured fonts+Y PU527/31 FONT FARM 5-8 Loads more good fonts! (5)+Y

PU569/73 FONT FARM 9-14 Another 7 good font disks!(7)+Y

These forms are: for Professional page & Pagestream use only!

PU231/5 PAGESTREAM FONTS 5 disks full, super fonts!+ (5)Y

PU236/7 SCOPE197/8 Adobe type fours, 2 disks full! +Y PU257/61 PAGESTREAM FONTS 2nd set of good fours.(5)+Y

PU264/8 OUTLINE FONTS For Pro pagev3 or 4(5) ONLY!!+Y

PU319/23 OUTLINE FONTS For Pro page 2.1 or 3/(5)+Y

PU408/12 MORE OUTLINE FONTS (As above) (5) +Y *U413/7 MORE OUTLINE FONTS (AS above) (5) +Y

PU403/7 OUTLINE FONTS For Pro pagev3 or 4 only!(5) +Y

PU418 RUSSIAN FONTS Contains 3 Russian vector fonts +Y

ady to run games on Amiga CD32, the only one

here ALL the games will work and will let you know

ether you need a mouse or keyboard for each

disks) perfect for all the family, makes an ideal Xmas present, also works on CDTV and Amiga CD roms.

collection disks from 1-200 are DMSed (archived) on the CD as well! Its worth having a CD32 just to play

only £19,99 plus 50p p&p

ame before you run it! Shoot em ups, platform

games, puzzies, cards, adventures & much much more, (many games not on the Assassins game

As well as all this the famous Assassins games

Professional Fonts

U059 FONTS & SURFACES Backdrops & fonts+ Y PU169 GELIGNITE FONTS CutNPaste fonts!+

PU175 GELIGNITE FONTS II Excellent IFF fonts+Y

PU176 GELIGNITE FONTS III More of above!!+

PU390 FONT FARM 2 Lots more good fonts! +Y

ASI 214 Forget it, Punto & Mercfighter! +Y +Y AMIGA CD ROM COMPACT DISCS!

CDPD 1 Fred Fish disks 1-660, hundreds of music modules & players with £19.95 plus 50p p&p. which to play them, & much much more!

PS Only a few left! CDPD 2 This CD contains Fred Fishdisks 661-760, Scope library from 1-220 & more! £19.95 plus 50p p&p

CDPD 3This CD contains Fred Fish 761-890, classical literature etc

DEMO COLLECTION Over 600 meg of software inc demos in an archived

format, lots of iff samples lots of PD games, iff clipart, fonts, animations,

1000 modules, commercial demoes & much more! £19.95 plus 50p p&p.

of music modules & music samples, Jpeg pictures, HAM8, 256 colour &

MEETING PEARLS Another 600 megabytes of software on this

DEMO COLLECTION II Over 100 ready to run PD games ,animations, loads

HAM slideshows, Amiga demos & a whole lot more! £19.95 plus 50p p&p.

compilation CD from Germany, some stunning fractal pictures are included

together with Scanned pictures, PasTex, NetBSD, Games & loads of other

THE EUROSCENE CD Too new to review fully, but is packed with latest

demos & other software from Europe & elsewhere. There are 600mb of

Amiga demos & music on this disk. See the best talent on hundreds of

European demos drawn directly from the FUNET internet archive. Many

BBS, Amiga CD ROM (including A570) and Unix!

£19.95 plus 50p p&p

£14.99 plus 50p p&p.

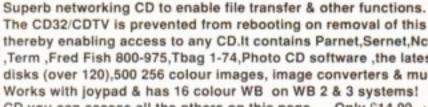
ASI 213 Moria, Dame & Relate

MULTIMEDIA ID

WEIRD SCIENCE MULTIMEDIA TOOLKIT CD ROM This is a superb CD Rom, filled to the brim with over 10,000 files,500 24bit jpeg images & 500 Ham8 & Ham interlace versions, Hundreds of megabytes of clipart, (iff black & white, colour and scaleable), hundreds of iff fonts, Compugraphic fonts & coloured fonts, icons, music modules, music samples and lots more! Works on CDTV, CD32, Amiga CD Rom & is also PC compatible on a suitable PC CD Rom only £19.95







NEW WEIRD SCIENCE NETWORK CD ROM!

The CD32/CDTV is prevented from rebooting on removal of this CD thereby enabling access to any CD.It contains Parnet, Sernet, Ncomm Term ,Fred Fish 800-975,Tbag 1-74,Photo CD software ,the latest Amos disks (over 120),500 256 colour images, image converters & much more! Works with joypad & has 16 colour WB on WB 2 & 3 systems! With this CD you can access all the others on this page. Only £14.99 + 50p p&p.

NEW CD ROMS IN STOCK NOW!!

THE OFFICIAL AMOS CD Crammed with over 33,000 files, 1600 source codes sprite banks, Ctext banks, 800 samples & more! only £19.99! & 50p p&p AMINET 3 1.1 gigabytes of software in over 3300 archives! Applications, games, business, network utilities & much more, most in lha format! An ESSENTIAL purchase! AMINET 4 ALSO IN STOCK! only £19.95 CDPD 4 Latest, contains Fish 890-1000, Gnu compiler, imagine objects,

loads of fonts, AM/FM 1-18 & much more! only £19.95 SOUNDS TERRIFIC An awesome CD for the musician & Music enthusiast, a double CD containing thousands of IFF samples, music modules, loads of Sonix scores, midifiles, lots of music programs such as Soundtrackers, sample editors, midi programs & a whole lot more, also features hundreds of PC Way. & Voc. samples & a conversion program to convert them to IFF! Yes 1.2 Gigabytes of music software! only £19.95

LSD LEGAL TOOLS CD Yes the official LSD CD crammed!! only £19.95. BOULDERDASH CD10,000 levels of Boulderdash? Wowl FONTS CD 600 megabytes of Fonts? Contains thousands of Compugraphic fonts ,Adobe type, bitmapped, colour fonts, cut & paste in fact more than you will ever need for Pro page, Pagestream, Wordworth Final Writer Dpaint etc. Best value font CD ever at an amazing

CLIPART CD Yes, hundreds of megabytes of clipart for all occasions, thousands of black & white hi-res IFF images of every possible subject, colour clipart, colour brush clipart, Encapsulated postcript clipart & more! Fabulous value only £9.99

CD32 serial cable with keyboard passthru only 19.99

£14.99 plus 50p p&p...

All disks on the advert should work on the Amiga 1.2/1.3 dos systems unless otherwise stated! All disks with a "+" sign should work on the Amiga 500+ & 600 machines! However there are so many different setups now in use it is becoming impossible to test for every possible variation, so please use some caution especially with A1500/2000 with various dos systems, CDTV and of course the new Amiga 1200 & 4000 systems. Disks marked with a "Y" should be okay on the A1200 / 4000 though obviously not yet extensively tested. Please take care!

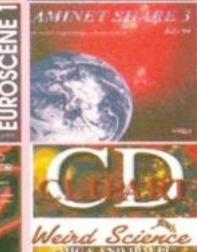
THE VIDEO CREATOR

A bargain at only

Software . Bargain at only

Exellent new CD from Almathera, this one enables you to use images, animations and special effects & time them with your music CDs. It is also the first product to utilise the FMV cartridge for the CD32 so you can superimpose images over your existing video CDs! Complete with hundreds of images, pro effects & colour cycling changes, & random generated video effects! Super value only £34.95 plus 50p p&p

party winners & some never seen before! All are archived and designed for



essential for the Network CD to work with a computer!

ORDERING MADE EASY

BY POST: send your Name, Address & Order details with a Cheque / PO / IMO to any of the companies listed BY PHONE: Call us with your card number, expiry date and details for a 1st class service. All major cards accepted PD PRICES: For this summer, disks are only 99p per disk, any quantity (minimum order of 2 disks!)

POST & PACKING: UK - 50p • UK 'Recorded Delivery' £1.25 • Europe +25p per disk • Rest of World +50p per disk REMEMBER: We stock Fish 1-1000, Tbag 1-74, Amos, Scope, Snag, Amicus, Amigos & lots more superb PD disks!!

main Distributors

not the imitators

LATEST ADDITIONS!

PG426 CONQUEST & DOMINION A nice graphic adventure game ! +Y PG430/1 CHEATLIST v3.03 Cheats for loads & loads of games! (2) +Y PG432 PSYCHOWARD Graphic adventure in a hospitall +Y PG434 GLOBAL THERMONUCLEAR WAR A very nice looking strategy game! +Y PG435 COLONIAL CONQUEST This is a space strategy game. +Y PG436 SCHNEBITZ This is an addictive puzzle game. +Y

PG437 XENOMORPH DEMO Looks like a sort of Alien Breed game. +Y PG438 TUMBLER STREET Guess wich tumbler the ball is under. +Y PG439 EARTH INVADER Another space invaders clone game! +Y PG440 POWER TETRIS This looks like a very nice version of Tetris +Y PG441 CANNIBAL FOR THE FBI An unusual graphic adventure game! +Y PG442 TRICK OR TREAT find your opponent & kill him.3d type graphics!+Y

PG443 SEEDS OF DARKNESS A graphic adventure game +Y PG447/8 MASQUERADE Collect all the diamonds (2) 1200 only. PG449 BATTLESTAR A text adventure game +Y
PG450 BEAVIS & BUTTHEAD PROTRIS Tetris with the zany duo! +Y

PG451 THE GREAT GOLD RAID Grab gold bags on each level +Y PG452 GALAXY WARS This is another old shoot em up game! +Y PG453 KARATE MASTER & FORTRESS PREVIEWS Previews of full games! +Y PG454 TOUCH & GO & ART SCHOOL PREVIEWS More previews of games! +Y PG455 AMBASSODOR FRUIT This looks like a very competent fruit machine. +Y PG456 MARTIAL SPIRIT Superb fighting game, this is shareware! +Y PG457 REFLECTION A very colourful pong game! +Y

PG458 ANT WARS v1.9 The latest version of this super game! +Y PG460/1 STARFIGHT An interesting 3D game, needs more than 1 mg (2) +Y PG462/3 TIME ZONER This is another graphic adventure game! (2) +Y PG464 DANGER MOUSE Simple hunchback type game. +Y PG465/6 JIGSAW Turn Iff pictures into infuriating jigsaws! (2)+Y

PG467/8 CYBERTECH Superb looking game! (2) +Y PG469 THE ULTIMATE QUIZ Nice quiz program! +Y PG470 FATAL BLOWS & SPACEBALLS Good fighting game! +Y PG471 CARDS & CASH Play cardslf +Y PG472 PENGO II Another version of this popular game! +Y

PG473 SPLOGGY DEMO Great Sonic type platformer! +Y PG474 SPACE TAXI Looks like a fun adventure game +Y PG475/6 SINKING ISLAND II Involved adventure game! (2)+Y

PG477 DRAGON A flight simulator program! +Y PG478 BORON GAME A shoot em up type game (shareware) +Y PG479 SOLAR LORDS An adventure game! +Y
PB060 INVENTORY II keep information on Stock & paying wages etc! +Y

PB062 HOME ACCOUNTANT, also contains Loancalc & Home Budget! +Y PB063 PAY ADVICE ANALYSER V4.2 Latest version of this useful program! +Y PB064 PROBASE V1.1 Professional looking database! +Y

PE092 NIGHT MATH ATTACK Play while you learn! +Y PE093 PAINT IT Another colouring pad for kids! +Y PE094 PICTURE MATHS get 16 sums correct to see the picture! +Y PE095 WB2 TUTORIAL A useful disk for owners of 500+ & 600 machines! +

PE096 AMIGADOS TUTOR Learn all about your Amiga! +Y PE097/8 JAPANESE DICTIONARY Learn to speak Japanese. (2)+Y PE099 WORDPLAY Contains, Wordmaker, Wordanalyse II & more. Super +Y PE100 TOM'S STORYBOOK traditional storybook on a disk, +Y PE101 HISTORY OF AVIATION shows the evolution of flight! +Y PE102 SPECK & SPELL MATHS an educational quiz game with speech! +Y PE103 LEARN IN SPACE Learn to add & subtract, for 4-7 year olds! +Y

PE104 MATHS MASTER Simple adventure maths game! +Y

PE105 10 OUT OF 10 MATHS 6 educational games Very good. +Y PE106 COUNT & SPELL Counting fun & Eraserspell, Quite good. +Y PE107 D - DAY Book about the D-Day landings! +Y

LATEST ADDITIONS:

PP190/6 TRIP IN A VEIN Super Microcosm type anim, needs 5 mg (7)AGA only PP197 REVENGE ANIMATION PP198 GOLFERS GUIDE ANIM A very strange golf animation? 2mg +Y PP199 TEAPOT & LAMP ANIM Quite an original anim! +Y 2mg PP200 PORSCHE ANIM A revolving car anim! +Y PP201 CLOCK ANIM A dancing clock? +Y
PP202 COASTER & 2BALL ANIMS This also needs 2mgl +Y PP203 CDROM & FIRERING ANIMS CD advert & a ring of fire, best AGA 2mg. PP204 SHIP & FLAG ANIMS Torpedoed ship & flag in wind, 2mg+Y PM255/6 BLUES SYMPHONIE 9 exellent pieces of music on a 2 disk set!(2)+Y PM257/62 FRIENDS OF PAULA 1-6 Exellent Octamed collection! (6) +Y PM264 CREATURES OF THE MIND A superave disk +Y PT133/37 MORTAL GODS RAVE SAMPLES 5 disks full of fun samples(5) +Y PT138 DELUXE MUSIC DATA DISK More tunes to load into Deluxe music! +Y PT139 GUITAR TUNER Allows you to tune your guitar with the Amigal + PT140/1 EAGLEPLAYER V1.52 comprehensive music player. Superb (2) +Y PT143 DX7 EDITOR & SYNTH LIBRARIAN for the famous Yamaha DX7 synth. +Y PT144 MIDIPLAY V2.21a Latest version, plays midifiles on any synth. +Y PT145/151 SFX1-7 Seven disks full of samples for every occasion!(7)+Y PT153 JCB SAMPLES Classical, Blues & Jazz music samples! +Y PT154 BASS SYNTH SAMPLES Some more good samples! +Y PT155 GUITAR CHORD DIRECTORY Hundreds of chords to learn! +Y PT156 NO SAMPLER 3 Contains Supersound 3,TREG Wondersound etc! +Y PS184/5 SYNTEX SCAN IS LAME Superb hires AGA pics, 1200/4000 only! (2) Y PS193/4 GIRLS OF ERIC Exellent Eric Schwartz characters slide. (2) +Y PS197/8 MANGA PICS 2 disks of good pictures! (2) +Y PD273 CCCP DEMO A rave music type demol+Y PD274 SCALA NOT AGAIN! Some good effects on this one. 1200 only PD276 POLKA BROTHERS GEVALIA A nice demo, though not AGA I +Y PD277 REDNEX QUACKBUSTED II Crazy demol +Y PD278 POLKA BROTHERS FRIDAY AT EIGHT Good! +Y PD279 OXYGENE CUZCO Quite a good quality demo! +Y PD280 MYSTIC DIRT AGA This is a good AGA demo! Y 1200 only. PU616 MAINACTOR Animation conversion program, good +Y PU617/20 GFX UTILITY MIX# 1-4 Full of good useful utils,(4) +Y PU621 ASI MAGIC ICONS2 Contains Iconmiser, Mricons etcl +Y PU623 ASI DISK HELPER 3 Third in the series, packed! +Y PU624 VIDEOMAXE 4.33 Database system for all of your videotapes! +Y PU625 SNOOPDOS 3 Latest version, much enhanced! +Y PU626 COMPTECH BACKGROUNDS Superb 256 colour backgrounds! Y PU627 AMIGA FAX V1.4 Very useful software if you have a faxmodem! +Y PU628/30 TERM v4.0 The latest version of Term on 3 disks(3) +Y PU631/2 MOVIEGUIDE Awesome database on over 14000movies, (2)+Y PU633 AMICOM 2.1 A packet radio terminal program! +Y PU634 PRODRAW GENIES Lots of very useful genies for Prodraw! +Y PU635 VIRUS WORKSHOP V4.0 A good collection of antivirus software+Y PU636/41 UNKNOWN 6 disks full of UFOs Abductions etc (6) +Y PU642 CALORIE COUNTER & RECIPE BOX 2 diet programs! +Y PU644 GOLF GURU A comprehensive golf scoring program! +Y PU645 TELE SUBTITLE A Subtitling program for the Amigal +Y PU646 DESKTOP MAGIC Nice screen saver program! +Y PU647 RELOKICK 1.41 Yet another version of this degrader! +Y PU650 VIDEOBASE & VIDEODAT Two video database programs! +Y

OCCULT, ASTRONOMY+PREDICTION

PU015 BIORYTHMS, STARCHART 2 Good programs+ Y
PU174 ASTRO 22 professional astrology now V3.5! +Y
PU211 AMIGA PUNT A horse race predicting program!+Y
PU212 PERM CHECK PLUS a pools prediction program
Y PU213 RACE RATER Another horse racing program! +Y PU238 M.O.R.C.V2 rune caster,new 1 disk version!+Y PU354 ASTRONOMY v2 calculate into on solar system! +Y PU362 STARVIEW Gives view of star for given time etcl+Y PU363 FORCASTER Horse racing prediction program! +Y PU364 COURSE FORM Simple horse racing prediction!+Y PU375 POOLS TOOLS2 3 pools related programs!+Y
PU377 MING SHU Simple astrological program! +Y PU454/5 THE HUMAN AURA Interesting book! (2) +Y PU456 THE MYSTERIES OF RUNES all the signs. +Y PU473/4 STRANGE Abductions.UFOs corn circles etc (2) +Y PU482 DIVIDEND WINNER Pools prediction aid I +Y PU485 WITCHES COOKBOOK Turn mum into a newt! +Y PU486 THEORY & PRACTICE OF MAGIC Fun only! +Y PU487/8 PARANORMAL INVESTIGATIONS Weird! (2) +Y PU497 RUNEMASTER Become familiar with the runes. +Y PU506 I CHING Learn all about the Oracle! +Y DEMOS

PD068 PHENOMENA ENIGMA Absolutely brilliant +Y PD130/34 ALCATRAZ ODDESSY Awesome!! Ok on 500+1 PD182 SPACEBALL Absolutely brill, needs 1 meg chip1+Y PD185/6 ANDROMEDA MIRROR Fab Music & Graphics1+Y PD187 HOY AGA DEMO 1st 1200 demo,a musti 1200 ONLY PD188 SANITY WORLD OF COMMODORE Super demo+Y PD189/90 SILENTS DEMON DOWNLOAD Fab demo! (2) +Y PD202 TECHNOLOGICAL DEATH Freaky techno rave +Y PD206 MELON HOW TO SKIN A CAT Nice effects! +Y PD215 FAIRLIGHT 242 Unusual & interesting demo! +Y PD216/7 A TRIP TO DEEP BASS A must have rave demol+Y PD218 VIVID ABSTRAX PIG AGA Mega colourful1200 ONLY. 0221 POINT OF SALE Best AGA yet! 1200 ONLY 0223/4 SPACEBALLS 9 FINGERS This is MEGA!!!(2) +) PD225 XANADU DEMO Superty colourful AGA only demo! Y PD226 GROOVY by Lemon, super graphics demo! +Y
PD227 IMPACT NO LEM Super kalledoscope effects, +Y
PD228 SILENTS SOZZLED SOMERSAULT Fab effects! +Y
PD233 PERSPEX HYPNOSIS dancing silhouettes AGA only! PD235 AGATHA Nice effects & colours. 1200 only. PD240 VOLCANO New AGA megademo. 1200 only PD241 IT SMELLS LIKE CHANEL no5 Great! 1200 only! PD243 FULL MOON AGA Nice demo 1200 only PD244 BEYOND BELIEF AGA Nice music +pics1200 only PD244 BETOND BELIEF AGA Nice music +pics1200 only PD245 SANITY ARTE A Superb demo for all systems+Y PD246 ABSTRACT SUBTLE SHADES Good demo!+Y PD248 FLYING COWS PRO SIAK Good needs fast mem+ PD249 KEFRENS INTERCHANGE Nice 1200 only PD252/3 BIG TIME SENSUALITY A SUPERB Aga demo! (2) Y PD256 EXODUS ON LAND A MUST have! 1.5mg chip+Y PD257 ANDROMEDA SEQUENTIAL Nice crew demol +Y
PD258 FATAL MORGANA Exellent with Beavis & Butthead! Y
PD258/60 QED 2 By Talent New AGA.great effects(2)1200 only
PD261 ETERNITY A nice AGA intro 1200 only.
PD264/5 LOVE Superb quality demo .AGA only! (2) Y
PD266 BILL'S COLOUR CYCLING pics, with parameters. +Y

PG351 XMASTIME Nice festive platform gamel+Y PG410 SANTA & RUDOLPH DO XMAS Festive game+Y PA143 XMAS ANIMATION Very seasonal +Y PM208 CHRISTMAS TUNES Mediey with modern beatl+Y PM209 LSD XMAS PACK Great selection of xmas tunes+Y PM210 AMIGA XMAS MUSIC Superb traditional style(3)+Y ART12 XMAS 3 disks of Xmas related pics!(3)+Y ART64 MORE HOLIDAYS Festive holiday pictures! +Y CLG22 STOCKING FILLERS Great Xmas games! £3.95 +Y

PD267 COMPLEX REAL Super AGA demo must have 1200 only. PD268 SOME JUSTICE AGA Urban Shakedown music 1200 only. PD270 PEE MEE COMPLEX AGA sprite scaling & ray traced

Price! New Disks now only

FOR the rest of the year!

Fonts for Wordworth!

A series of compugraphic fonts which can be used with Wordworth, Pro Page Pagesetter or Workbench!An average of 16 fonts per disk, 33 disks in all!

Abilene-Antreat. PU578 AntiqueOliveGold-Author. Baker-Black Chancery. Blades-Broadway. PU581 Brackbold-Carta. Cartoon-City Bold. Circuitboard-Crackling Fire. PU582 PU583 Crillia-Desoto. PU585 Deusex-Engraver LT. PU586 Erasnorma-Flora. PU587 Flora-Frutiger. Frutiger-Futura. PU588 Futura-Goudy Hundred. PU590 Goudy Medeval-Hannah. PU591 PU592 Hanzi-Humana. InglesiaLight-Kathlita. Kaufmann-Libbyscript. PU593 Lichtner-Manzanita. Mariage-Messenger. Metroliner-Newbold. PU595 PU596 PU597 Newbrunswick-Novaresebd. NovareseBDIT-Olympia. PU598 Omnibus-PeignotLight. ParkAvenueBTregular-Premi. PU601 PostAntquaRM-RevueTn. PU602 Reynoldscaps-Scriptnormal. Segment-Slabface. Stant-Squire. PU603 PU604 PU605 SouthernNormal-Tempolont.

TechPhonetic-Tintoretto.

Timpaninormal-US-Uncle.

Utopiabold-Yearbookbold

3 disks 5.95+

2 disks 4.95+

1 disk 3.95+

1 disk 3.95+

PU606

PU607

Yearbookbold-Zeppoheal. Most CLR titles ok on A1200!

33

SPECIAL of these d

disks for

only

Professional Clipart for DTP.









CLASSIC CLIPART

(Black & White) (Okay on A1200 / A4000.) The clipart in this collection is very high quality, huge bitmaps, many greater than an Amiga hires screen, for use in Dpaint or DTP packages, each disk autoboots as a slideshow allowing you to view the entire bitmap by moving the mouse! (Prices per disk!) ARTO1 WEDDINGS Super wedding clipart, 2 disks!+ ART02 HOUSES 2 disks, pictures of mansions etc!+ ART03 RELIGIOUS 3 disks full of boly clipart!+ ARTH WWII AIRCRAFT World war II planes!+ ART05 MEN 2 disks full of men at work!+ ART06 WOMEN 2 disks full of women clips!+ ART07 KIDS 2 disks containing kids clipart!+ ART08 BUSINESS Disk full of office clipart!+ ARTO9 OFFICE Another office type disk!+ ART10 STUDENTS Lots of student type pics!+ ART11 SALETIME Many useful logos etc!+ ART12 XMAS-3 disks of Xmas related pics!+ ART13 PUNCH 3 disks of cartoon pics! + ART14 ANIMALS Fantastic quality pictures!+ ART15 CATS Only 12 pics but super quality!+ ART16 SILHOUETTES 18 super silhouettes!+ ART17 SCHOOLS 2 disks of school pictures!+ ART18 BABIES Clipart on a baby theme!+ ART19 SPORT 2 disks full of sport pictures!+ ART20 OLYMPIC Another sport type disk!+ ART21 MEDICAL 2 disks full of medical clipart!+ ART22 SEALIFE Pictures from the Ocean!+ ART23 DECORATIVE MONTHS 1 for every month-ART24 WACKY Funny comic type clipart!+ ART25 HOLIDAYS Holiday type pictures!+ ART26 BANNERS 2 disks full of banners! ART27 ART NOUVEAU FLOWERS Floral art!+ ART28 BUTTERFLIES Nice pictures!+ ART29 FOOD 2 disks on a food/kitchen theme!+ ART30 COLOURING BOOK Colour in Dpaint!+ ART31 BORDERS 2 disks, must load into DTP!+ ART32 MAC CLIP 2 disks high quality macart!+ ART33 HORNBACK Nice scenic clipart!+ ART34 TEDDY BEARS 2 disks of Teddy bears!+ ART35 VANITY FARE 2 disks fashion clipart!+ ART36 HALLOWEEN CLIPART Wierd clipart!+ ART37 SHOWTIME Dancing, singing etc!+ ART38 VEGGIES Vegetarian clipart!+ ART39 FLORAL 14 very detailed pictures!+ ART40 MYTHS Mythical images + zodiac!+ ART41 DOG WOODCUTS Super 300dpi pics!+ ART42 CAT WOODCUTS Great wildcat pics!+ ART43 AFRICAN WOODCUTS African animals!+ ART44 AMERICAN WOODCUTS More animals!+ ART45 ARTIC WOODCUTS Northern animals!+ APT46 FARM WOODCUTS Farm animals!+ ART47 MIXED ANIMAL WOODCUTS Nice pics!+ ART48 BIRDS WOODCUTS 18th century bird pics+ ART49 MORE ANIMALS More superb pictures!+ ART50 ANIMAL LINEART Varied selection of pics ART51 BOTANICAL ART detailed plant pics1+ ART52 FAMILY SCENES 2 disks of domestic life!+ ART53 GOLF HUMOUR 2 amusing cartoon disks!+ ART54 SPACE & TRANSPORT On a space theme!+ ART55 SOFTSCENE2 29 rural scenery pictures!+ ART56 SPORTS3 More pics on a sports theme!+ ART57 NAVY Lots of naval type pictures!+ ART58 TRAVEL 2 disks on a travel theme!+

ART59 ALPHABET Borders & alphabet clips!+(2)

ART60 ACCENTS & FLASHES Burst stars+ more+

ART61 FISH Lots of aquatic pictures! +Y
ART62 SOFTSCENE 3 More nice scenery pictures! +Y

ART63 RESTAURANT 3 disks of Restaurant pictures(3)Y

ART65 ANIM & BIRD 44 nice pictures! + Y ART66 MOSSBURN ANIMALS 32 nice animal pictures! +Y ART67 BURCHFIELD KIDS Some nice kids clipart! +Y ART68 BEAST & MYTH 3 disks of Monsters, demons etc!(3)+Y ART69 TRANSPORT 3 disks of Cars, Airplanes Ships etc.1(3)+Y ART70 TRUCKS & TRAINS Full of Wagons trains etc! +Y ART71 ASTROLOGY 2 disks of astrological signs! +Y ART72 AIRCRAFT 3 disks full of aircraft pictures!(3) +Y ART73 BIRDS Songbirds, Birds of Prey & more! +Y ART74 DOGS Disks full of good dog pictures! +Y ART75 HOUSES CASTLES & BUILDINGS Good pics +Y ART76 SPORTS-MAC Lots of good sports pictures! +Y ART77 GARDEN Lots of horticultural pictures.(5) +Y ART78 MILITARY 10 disks of military clipart! (10) +Y ART79 HOFFMAN GRAPHICS Nice pictures! +Y ART80 KIDS ANIMALS DISK Cute cartoony animals! +Y ARTS1 FARM & HORSES Nice pastoral pictures! +Y ART82 SHIPS Sailing & Steam ships! +Y ART83 ANATOMY 2 disks of huge skulls skeletons etc!+Y ART84 CAMPING On an outdoor theme! +Y
ART85 WILDLIFE 3 disks full of wildlife clips(3)+Y
ART86 MARINE & NAUTICAL To do with sea life!+Y

COLOURED CLIPART This is a superb collection of coloured clipart, mostly in Ham mode (4096 colours), though some is in 16 colours. Can be loaded into Deluxe Paint 4 or any other package accepting Ham pictures! (OK on 500, 500+, 600, 1200 & 4000!) CCL001/10 MAPS, Alganistan-Zambezi, autoboots1(10) + Y CCL011 REPTILES, good pictures, autoboots! +Y CCL012/3 ACTORS, famous faces, autoboots! +Y(2) CCL015/6 AIRCRAFT & CARS assorted, autoboots! +Y CCL018/26 BIRDS 8 disks, Super, autoboots! +Y CCL027 CATS, 1-16 Super cat pics,autoboots! +Y CCL028/35 DOGS, 1-126 Super dog pics,8 disksl +Y CCL036 EXPLORERS 1-13 famous explorers,autoboots+y CL037/40 FISH 1-92 Super pics pictures.(4 disks)+y CL041/51 FIOWERS 11 disks of flowers! (11 disks) CCL052+4 FRUIT 2 disks, Good pics! (2)autoboots! +Y CCL055 FRONTIER 1-13 Pioneer pictures, autoboots CCL056/7 HORSES 1-16 Great horse pics,autobootsI(2) +Y CL058/61 INSECTS Small creatures (4 disks) +Y CL062/3 INVENTORS 2 disks full (2) +Y CL064/71 MAMMALS More animals pictures(8 disks)+Y CCL072/3 INSTRUMENTS 4-25 Musical (2 disks) +Y CCL074 MILITARY 7-17.8 MUSICIANS 1-41+Y CL075 MUSICIANS 9 -21 Classical autoboots! +Y L076/7 PREHISTORIC Dinosaurs!(2) autoboots! +Y CCL078/81 PEOPLE Lots of people! (4 disks)+YY CCL082/4 PRESIDENTS 1-40 USA presidents,3 disks +Y CL085/7 REPTILES 1-19 Good pics (3) autoboots! +Y CCL088 SHIPS 10-33 Marine vessels! +Y CL089 SPORTSMEN. Various sportsmen, autoboots! +Y CCL091/6 TREES, 6 disks of tree pictures! autoboots! +Y CCL097/100 VEGETABLES 1-48 goodpics4disks,wb+y

COLOURED BRUSHES

Saved as brushes so they can be pulled easily into Dpaint!

CB001 Lots of brushes on an art & schoolwork theme. +Y CB002 Lots of brushes of stores food garden home & morel +Y CB003 Lots of brushes on a sporting theme (142 brushes) +Y CB004 Lots of brushes on a food & confectionary theme! +Y CB005 Lots of brushes, 155 pics on a financial theme. +Y CB006 Lots of brushes of cute carbon caracters! +Y CB007 Loads of useful colour clipart,lo, med & hi res! +Y CB008 More coloured clips on an educational theme! +Y

Most CLR titles ok on A1200!

PU652 AMIGA SYSTEM CHECKERS TOOLBOX check your system!+Y PU654 APPLE II EMULATOR Emulates Apple II,needs Apple rom! +Y

PU656 FRACTINT 68020 Version ported from MS DOS machines! Y

CLE03 SOLAR SYSTEM

Play Chord

(0000)

EADGBE

E 0 0

PU657 LOCK OUT v2.1c Hard drive system security! +Y

.. The Central Licenseware Register .. Commercial Quality programs at a PD price!

CLR EDUCATIONAL! CLE01 T C DINOSAURS 2 disks 4.95 + CLE02 T C GEOLOGY 2 disks 4.95 +

3 disks 5.95 +

1 disk 3.95. +

1 disk 3.95+

1 disk 3.95 +

1 disk 3.95+

1 disk 3.95+

1 disk 3.95.

1 disk 3.95+

2 disks 4.95+

3 disks 5.95+

1 disk 3.95+

2 disks 4.95+

3 disks 5.95 +

CLE05 A-CHORD CLE19 PLAY IT SAFE CLE20 BIG TOP FUN CLE21 JIGMANIA ANATOMY CLE27 C.A.T.T. CLE46 BASIC ANATOMY





CLE05 A CHORD 1 disk 3.95 + CLE07 T C FRESHWATERFISHING 2 disk 4.95 + CLE08 NIGHT SKY 1 disk 3.95. + CLE09 WORDS & LADDERS 1 disk 3.95.+ CLE10 BASICALLY AMIGA 3 disks 5.95. + CLE11 LET'S LEARN 1 disk 3.95. + CLE12 ALPHABET TEACH 1 disk 3.95+ CLE13 HOME BREW 1 disk 3.95. + CLE14 T C ECOLOGY 3 disks 5.95. + CLE15 FAST FRET 1 disk 3.95 + CLE16 KINGS & QUEENS 2 disks 4.95.+ CLE17 THINGAMAJIG 1 disk 3.95. + CLE18 WORK & PLAY 1 disk 3.95. + 1 disk 3.95. + 1 disk 3.95. + 1 disk 3.951 + CLE22 CHESS TEACHER 1 disk 3.95. + CLE23 MIND YOUR LANGUAGE 1 disk 3.95. + CLE24 SPEED READING 2 disks 4.95. + CLE25 CHORD COACH 1 disk 3.95. + 2 disks 4.951+ CLE29 PREHISTORIC FUN PACK 1 disk 3.95+ CLE30 PEG A PICTURE 1 disk 3.95 + CLE31UNDERSTANDING AMOS 2 disks 4.95. + CLE32 SPITFIRE! 2 disks 4.95.+ CLE33 MESSERSCHMITTBF109 2 disks 4.95.+ CLE34 YOUR FIRST PONY 2 disks 4.95.+ CLE35 T C SOLAR SYSTEM II 3 disks5.95+ CLE36 THE TIME MACHINE 2 disks 4.95.+ CLE37 DISCOVERY AMERICA 1 disk 3.95.+ CLE38 HOME INVENTIONS 2 disks 4.95.+ CLE39 MY LITTLE ARTIST 1mg 2 disks 4.95.+ CLE40 BOREALIS JUNIOR 1 disk 3.95.+ CLE41 BASICALLY MEDICINE 2 disks 4.95 + CLE42 COMPOSITION 1 disk 3.95+ 1 disk 3.95+

CLE03 T C SOLAR SYSTEM

CLE44 PORTRAITURE CLE46 BASIC HUMAN ANATOMY 1disk 3.95.+ CLE47 SEA SENSE CLE48 ROCKET MATHS CLE49 T C DINOSAURS III CLE50 DRATV2.4 needs1.5mg 2 disks4.95+ CLE51 PAINT PASTE & DRAW

CLE52 TELL THE TIME CLE53 LET'S LEARN 2 CLE54 TITANIC CLE55 BASICALLY BASIC CLE56 BASICALLY CHEMISTRY CLE57 PAINT ME A STORY CLE58 STARS & GALAXIES CLE59 A TOUR THROUGH TIME 3 disks 5.95+ CLE60 ZENER CARDS

CLE61 SOUND & ANIM STATION 2 disks 4.95+ CLE62 BASIC MASSAGE CLE63 TUTANKHAMUN CLE64 IQ TESTER CLR UTILITIES CLU01 VIDEO TITLER **CLU03 TYPING TUTOR**

1 disk 3.95+ 1 disk 3.95+ CLU04 ALPHAGRAPH 1 disk 3.95. + CLU06 SUPERSOUND V4.7 1 disk 3.95. CLU10 POWER ACCOUNTS 1 disk 3.95.+ CLU11 CALCV1 1 disk 3.95 + **CLU12 VIRTUAL WINDOWS** 1 disk 3.95.+ **CLU13 DATOS** 1 disk 3.95. + CLU14 STOCK CONTROLLER 1 disk 3.95. + CLU15 EPOCH VI 1 disk 3.95+ CLU17 LC10 FONTS 1 disk 3.95.+ CLU18 LC200 FONTS 1 disk 3.95. + CLU19 LC24 FONTS 1 disk 3.95 + CLU20 CANON BJ10. 1disk 3.95+ CLU21 INVOICE MASTER 1 disk 3.95. + CLU22 HARD DRIVE MENU 1 disk 3.95.+ CLU27 IMAGE BASE 1 disk 3.95.+ CLU29 G.F.X. 1 disk 3.95+ CLU30 DRAW SELECTOR V2 1 disk 3.95+ CLU31 FLOWCHARTER 1 disk 3.95+ **CLU32 POWERTEXT 2** 1 disk 3.95+ **CLU33 AM TUITION** 1disk 3.95+ CLU34 IMAGE DOCTOR V1 1 disk 3.95.+ **CLU35 CRITERION** 1 disk3.95+ CLU36 ILINOIS PROFESSIONAL 2 disks4.95+ CLU37 FIND IT 1 disk 3.95+ CLU38 SMALL ACC MANAGER 1 disk 3.95+

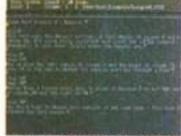
CLU40 ARCO 1 disk 3.95+ **CLU41 REFLECTIONS** 2 disks 4.95+ CLR GAMES

CLU39 HARD DRIVE MENU 2

CLG08 DRAGON TILES 1 disk 3.95 + CLG16 CRYSTAL MAZE 1 disk 3.95.+ CLG20 JUNGLE BUNGLE 1 disk 3.95. + CLG21 FLOWER POWER 1 disk 3.95+ **CLG25 WHITE RABBITS** 1 disk 3.95 + CLG45 KNIGHT FIGHT 2 2 disks 4.95+ **CLG46 ARCHIPELAGOS** 1 disk 3.95+ CLG47 KIDS FUN PACK 1 disk 3.95+ CLG48 THE LOST PRINCE 2 disks 4.95+ CLG51 TEN PIN BOWLING 1 disk 3.95+ CLG52 ADVENTURE CREATOR 1 disk 3.95+ CLG53 WALL STREET 2 disks 4.95+ CLG54 NATIONAL HUNT 1 disk 3.95+ CLG55 CRYSTAL QUEST 1 disk 3.95+ CLG56 SENTINAL 1 disk 3.95+ CLG57 DREAMSTREAM 1 disk 3.95+ **CLG58 GIGERPHOBIA** 2 disks 4.95+ CLG59FOOTBALL CLUB MANAGER 1 disk 3.95+ CLG60 WIZZ 2 1 disk 3.95+ CLG61 WORLD CUP MANAGER 3 disks 5.95+

BERLESIA PRES

CLU03 TYPING TUTOR



CLU32 POWERTEXT 2



CLG22 STOCKING FILLERS



CLG40 TRAX



CLG30 CAPTAIN K



VISA



A full UPD catalogue disk is available, please send 3 1st class stamps for immediate despatch. PU209 contains the full listing of 1000 Fred fish disks & the LSD cat contains full listings of LSD Legal tools 1-149. SPECIAL OFFER! All 3 catalogue disks for 2pounds inc P&P!

BLITTERCHIPS

AF1, CLIFFE HOUSE, PRIMROSE STREET KEIGHLEY, BD21 4NN. TEL: FAX:

0535 667 469

NBS

AFI, I CHAIN LANE, NEWPORT 1.W. PO30 5QA

TEL: 0983 529 594 FAX:0983 821 599

VALLY PD

1 disk 3.95+

1 disk 3.95+

2 disks 4,95+

AFI, PO BOX 15, PETERLEE CO. DURHAM SR8 INZ TEL: 091 587 1195 FAX: 091 587 1195

CLG62 TOADO

CLG63 ASTRONUTTY

CLG64 MAH-JONGG





Some people say that when you've seen one cute, scrolling platform game you've seen them all. But, asks Steve McGill, have you seen all of this one?



Marvin's Marvellous Adventure

Here's an interesting variation on a theme. Instead of running or jumping you can float.





The cannon is a ball, especially if you want Marvin to go up in his platform world.



Just look at those graphics. They leave you in no doubt that this is a platform game.

lots in platform games serve two purposes. They let the publisher of the game invent a setting and a character and then let them talk about said character and their world as if they're real or cute or interesting or different.

Their second purpose is that of space filling for the journos writing about them. It usually runs along the line of: "Oh God another platformer with another stupid plot. But for what it's worth..." and then the plot is regurgitated to the hapless punter.

OK, so the same sort of introductory device has been used



Marvin's Marvellous Adventure isn't the most challenging Amiga game of the year. But on the plus side there is a lot of it. The words quantity and quality spring to mind.

here to fill space because there isn't all that much to be said about Marvin's Marvellous Adventure. It's a collect-em-up with a cute central protagonist and a colourful backdrop that tries hard to keep you interested

but never quite manages it. The whole package consists of four disks and it runs on the A1200 only. There are five worlds to be explored and conquered and each of these is split into several little levels of varying complexity.

The first thing that strikes home about Marvin is the tedious left to right linear scrolling. Marvin can't climb any higher than one screen, so the only direction he can travel is from left to right, which is a pity.

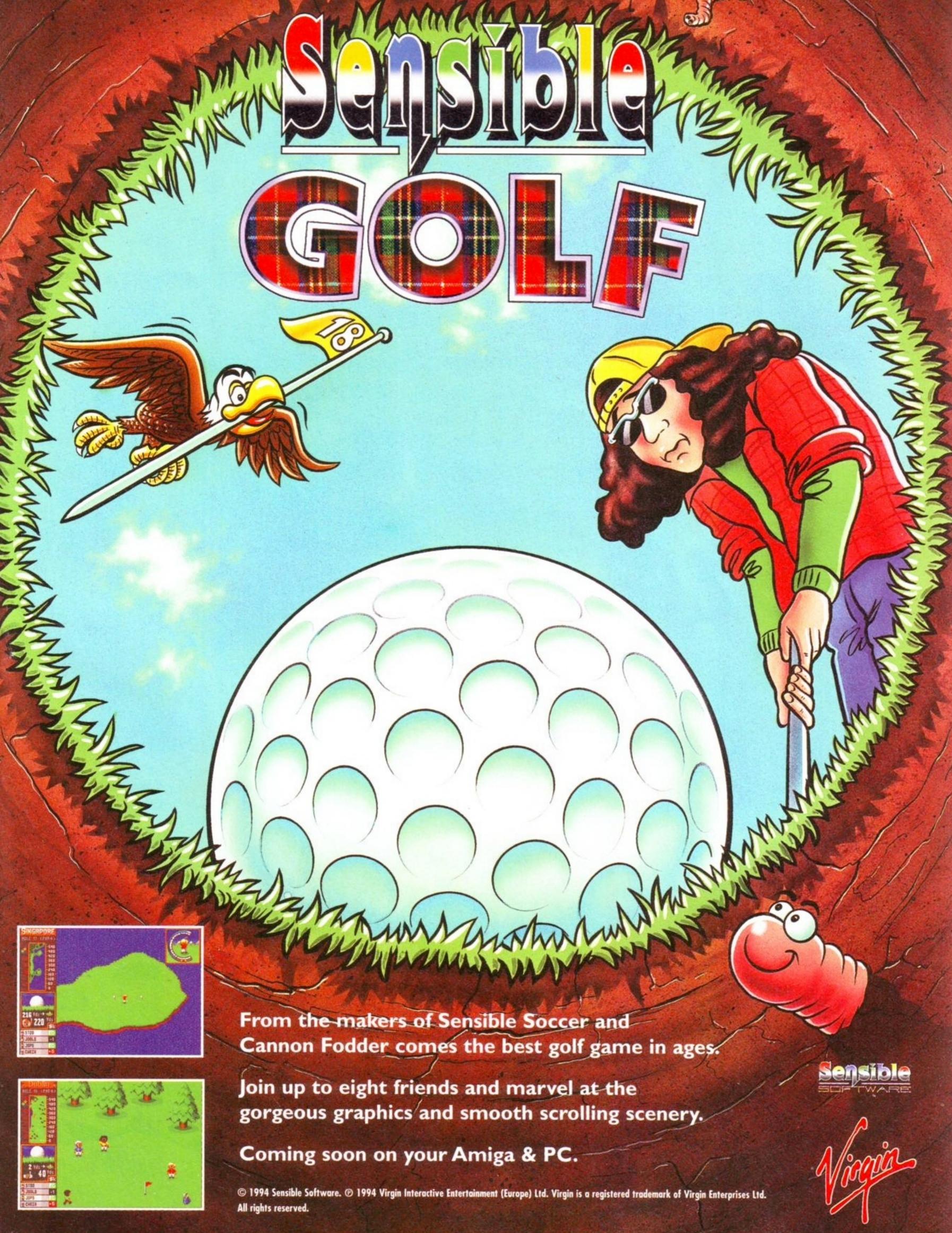
Marvin is slightly more playable with a CD32 controller, which uses the red button for jumps, green for kicking, punching and firing weapons, and blue to drop from one platform to the next. No matter how much the CD32 controller improves the game's playability there's no hiding the fact that there really isn't a great deal of playability going on.

The game's too simple, too linear and too boring. Nick Veitch likes Marvin because he thinks it's cute. But sometimes he can be vacuous and girlie like that. Marvin's a good game for young children, anyone else should give it a miss.



Collect fruit, run over collapsing bridges, collect more fruit and jump about till you reach the end.









EXPRESS

Wella Shockwaves

are gonna put

you in CONTROL!



Win An Amiga 4000, with 16Mb RAM, a Warp Engine accelerator and a copy of Lightwave 3D!

Shockwaves Express: the plot..

Shockwaves Express is set in the future world of 2007 where information is a valuable commodity. But with a network overrun by hackers, corporations have been forced to abandon cyberspace in favour of more conventional means.

Teams of skilled street skaters cruise The Strip acting as info-couriers delivering data by hand – for a price.

Progressing through eight different 'hoods, the player has to meet and beat the challenge of delivering these mysterious info-packs using skateboards, hoverboards, surfboards and snowboards. Making your way from location to location, you have to avoid obstacles, defeat rival gangs and react quickly under adverse conditions.

But as you fulfill each contract and progress through the game, it becomes obvious that there's more to the job than meets the eye...

Shockwaves Express: the compo...

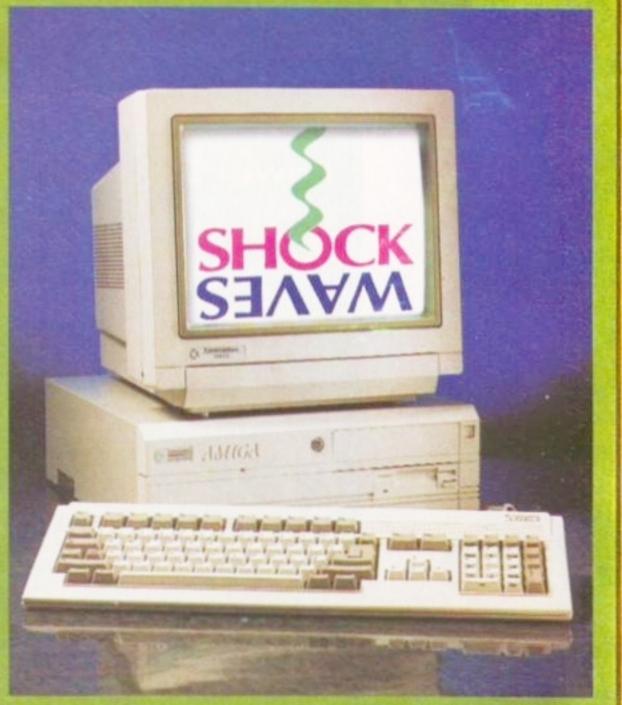
Invisible Cities and Flair want you to help design Shockwaves Express. We need narly new characters to take control of, with names, uniforms, skills, attributes and emblems.

We need enemy characters to inhabit the different areas of The Strip. We need different sort of obstacles for the couriers to overcome. And we need a radical Shockwaves Express logo.

But don't stop there. If there's anything else you want to design – entire levels (it's a sprawling eight-way scroller), buildings, boards, vehicles – just let rip with your imagination. The more outrageous, the better.

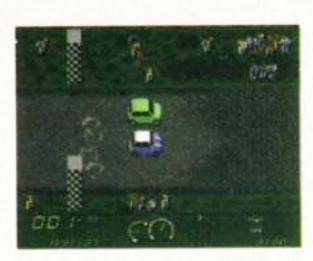
Obviously this is going to take some time so you have a couple of months to the closing date – let's get everything in by the beginning of February, eh? Send all your artwork, scripts and Amiga graphics to:

Shockwaves Compo, Invisible Cities, Unit 16, Business & Innovation Centre, Riverside, Sunderland SR5 2TA.



Shockwaves Express: the prize... An Amiga 4000 80Mb HD with 2mb Chip RAM, 16Mb SIMM, a 40MHz Warp Engine plus a copy of Lightwave 3D. (Sorry, but the Commodore monitor is ours!)





Mini verses Cinquecento. Michael would never have pulled off The Italian Job in three Fiats though. Altogether now: "We're the self preservation society..."

Can Steve Bradley navigate his way safely around the track as he plays this new rallying game from US Gold. Or will he come a cropper?

Power Drive



you simply cannot run over the crowd, nor can you spray mud in their faces.

No matter how many times you try,

ENGINE DAMAGE TYNE DAMAGE SHOCK DAMAGE BEARTRAIN DAMAGE SPOTLIGHT DARLAGE

At the end of each race, a screen informs you of the damage done to your vehicle. They cost a fortune to repair.

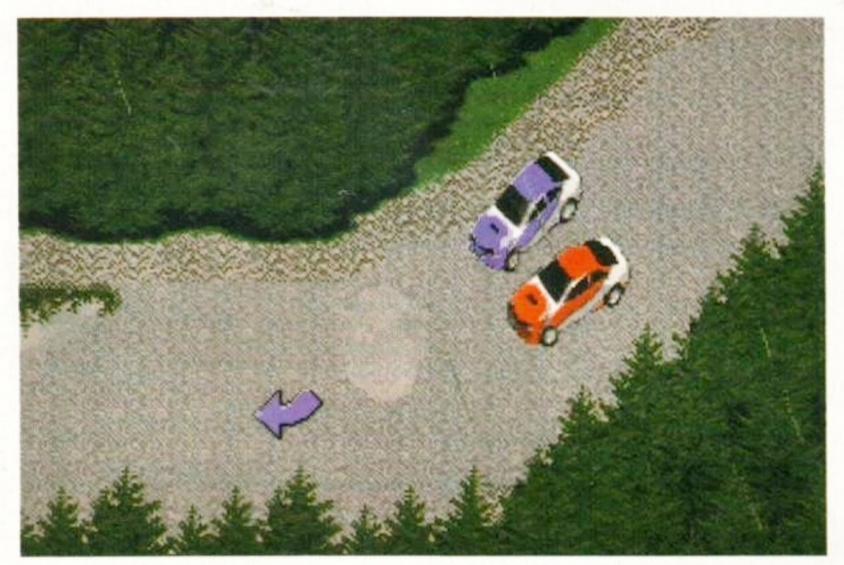
hen Peter Purves, presenter of the excellent early Eighties cult motorcross series, Kickstart, gets to take charge of the World Rally Championships, it will resemble something like this.

The tasks would be infuriatingly difficult and would include some expendable sections involving manoeuvring through cones. Of course, the car itself would be virtually uncontrollable. You'd get stuck in hedges, cones would scatter as you tried to squeeze through gaps at which even Colin McCrae would gasp and your powers of polite speech would gradually deteriorate.

Out of control

Power Drive is a viewed-from-above car rallying game. Can you become the world's best rally driver? On the Amiga? You start with a choice of motor vehicle - the Mini Cooper S or perhaps the Fiat Cinquecento Turbo. Whatever, it moves. And you have money too, for rallying, as Malcolm Wilson's Dad will only too readily inform you, is an expensive business. Upkeep and all that.

What follows is a series of tasks, be it time trial, head-to-head race, special speed trial or skill test. Eight rounds of racing, each in a different



The battle of the Starsky And Hutch has to be the finest race in Power Drive.



See how I skid my Renault Clio? See how I make the marks on the road?

country in varying weather conditions. And with up to eight stages in each round, it would be fair to point out that one thing Power Drive does not lack is magnitude.

Get in control

Controlling the car is not easy. The slightest nudge on the joystick sends it into oversteer - you career wildly across the road before getting trapped at the side. This is very annoying, particularly in a head-tohead race against the computer (there is no simultaneous two-player mode) because the computercontrolled cars don't make mistakes.

So as you flounder by the roadside, slapping the spacebar to get into reverse, moving backward, slapping the spacebar again in order to propel yourself chequered flagward, your opponent happily motors along the middle of the road taking bends with aplomb.

Practice. Well, yes. Practice improves your vehicular control, but competence doesn't make Power Drive fun to play. US Gold have tried to produce a realistic rallying game, which is virtually impossible. You simply don't get the feel of the car.

There are any number of superior racing games, and some available for a third of Power Drive's hefty thirty nicker tag.





YOU'VE FOUGHT. THE OTHERS. NOW FIGHT ME.

SHADOW

POSSIBLY THE BEST
POSSIBLY THE BEST
ENTUF EVER
ON THE AMIGA

WHONEEDS MORTAL KONSATI WHEN YOU'VE WHEN YOU'VE AMIGA ACTION

17 CHARACTERS TO FIGHT.

EXTRA 8 FIGHTERS AVAILABLE IN EARLY '95 WHICH

... MORE FIGHTERS THAN ANY OTHER AMIGA BEAT 'EM UP.

AT LEAST 25 DIFFERENT MOVES PER FIGHTER.

BLOOD OPTION DURING MATCH FOR ULTRA VIOLENCE.

THE MACABRE PUPPAZ.

AVAILABLE ON:

AMIGA 500/600 OUT NOW, 1200 AND CD32 COMING SOON. Gremlin

1994 GREMLIN INTERACTIVE LIMITED. ALL RIGHTS RESERVED, GREMLIN INTERACTIVE LIMITED, CARVER HOUSE, 2-4 CARVER STREET, SHEFFIELD S1 4FS, ENGLAND, TEL: (0114) 275 3423.





We gave Steve Bradley some disks and told him that one game was the non-AGA version of a classic and the other was an average platformer. Here's what happened...

Theme Park 500



From little sideshows do mighty theme parks grow. By managing your resources cleverly and looking after your staff and the punters, you can create a mighty entertainment empire. Probably.

ne of the biggest games of the year is Bullfrog's Theme Park. Chances are you've heard of it, but for those not 'in the know', here's the plot. You have money. Not a lot, but enough to set you on your way to build, run and maintain a theme park.

For many of you, the thrill will be in the creation of the attractions; the building of the rides, the arrangement of the parks, paths, shops, lakes and burger bars - you name it , you can do it. But the more sober among you

Overall rating

Publisher:

Price:

CHARLIE J COOL AGA

Rasputin 01689 850770 ■ £19.99 ■ Out now



Game plots are usually terrible. This one's brilliant. Walking down the street one day, Charles gets crushed by a falling grand piano, dies and goes to the Netherworld. Which is somewhere, but not really anywhere. So he has to trudge through 28 rather similar levels of platform merriment to get back from somewhere. Which isn't really anywhere.

In the tradition of platform games, the idea is to dodge, jump, collect and kill across seven worlds (including the odd bonus room) of horizontally-scrolling action picking up keys along the way to gain access to the next level. Despite the changes of scenery, the application remains the same. Oh, and there are coins to collect, though I'm not sure why. Interestingly, the number of goodies you collect or baddies you kill determines where you end up – altering the end sequence accordingly. Stunningly average stuff, indeed. An A500 version is also available.

Overall rating

50%

may prefer the financial management aspect - your park needs to make a profit otherwise bankruptcy is a very real possibility.

Creating the park is a simple process of clicking on icons and shifting the bits and pieces to

Electronic Arts 01753 549442

£34.99

92%

particular areas and as your skills develop you learn the best positions to place the amenities - like sticking toilets near the exit to stop folk drifting off simply because they need to spend a penny. The people, your customers, are the most important factor - keep them happy and business will bowl along nicely.

This version differs from the AGA in that there are fewer rides, less shops and only young people visiting the park. In general, it's a little less flash than its posh counterpart but it remains a great game and one of the most accessible sims around.



Find out what visitors think about your services and amend them accordingly. Remember, a happy punter is a spending punter.

Theme Park A500/A600

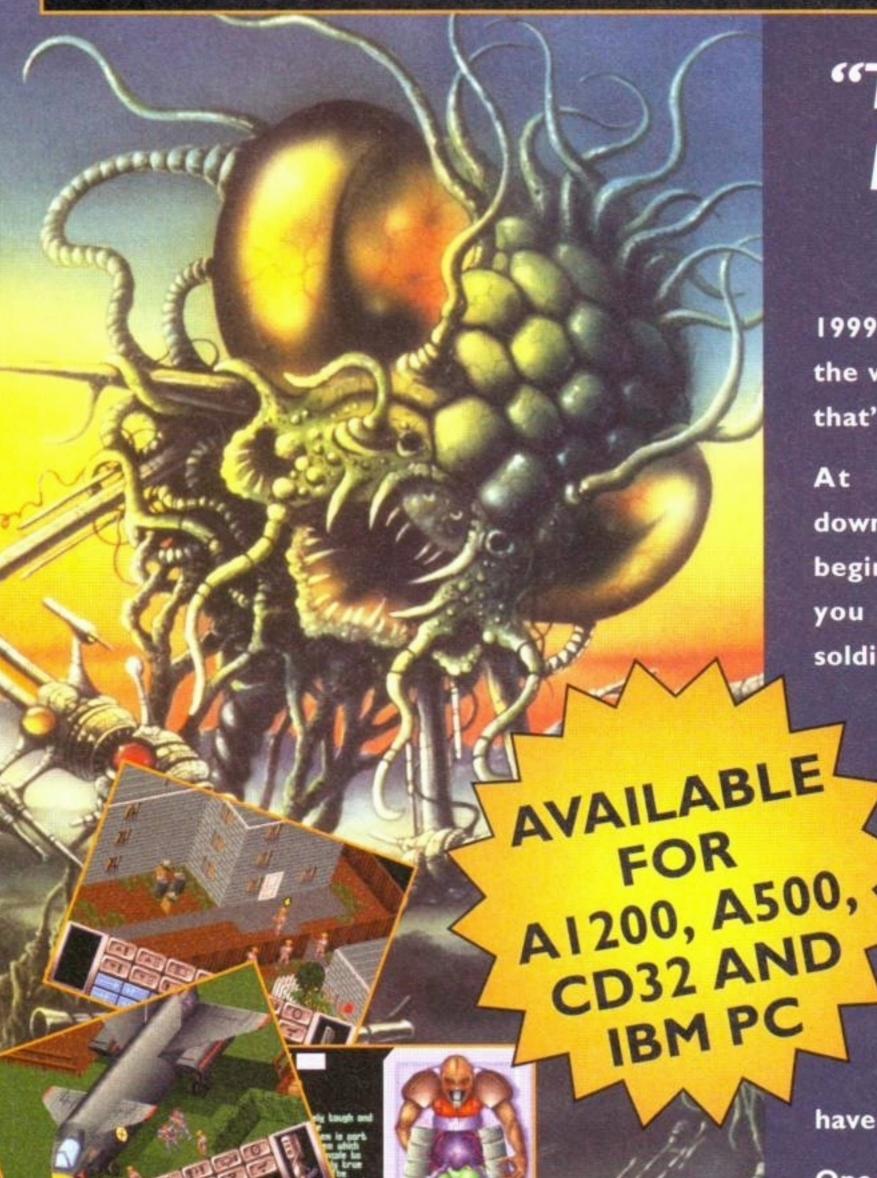
A500, A600 Versions: System requirements: 1Mb Out now Release date: SOGGY CHIPS: **CANDY FLOSS:** An original, Rather heavy on the financial absorbing and, best of all, fun simulation. management side and Theme Park is one of the fewer features than its best games of the year. AGA counterpart.



Adults dressed as chickens seem to appeal to young people's sense of humour. Strange that.

ENEMY UNKNOWN

COMMAND EARTH'S FORCES AGAINST THE ALIEN TERROR



"This is the best game I've ever seen" 97%

COMPUTER GAME REVIEW

1999. You are in control of XCom; charged by the world's leaders to strike at the alien menace that's terrorising the Earth.

At first, you'll scan, track and shoot down the slower UFOs, but that will just be the beginning. Whenever a UFO crashes, or lands, you must be there; leading a squad of armed soldiers from building to building, from street to street, using all your tactical skills to capture or destroy the aliens.

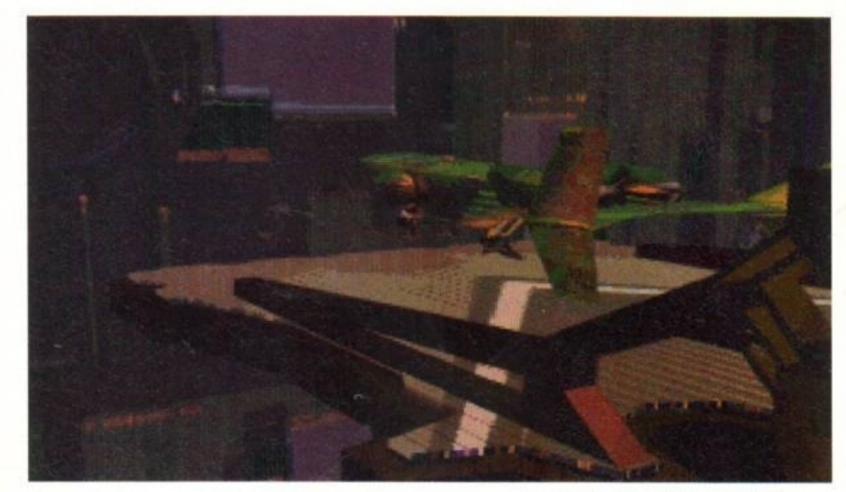
If you succeed in your first missions, your scientists and engineers will copy the alien technology to create more powerful weapons and craft for your forces to use. Gradually, you'll build up a terrifying picture of this Unknown Enemy, and their real aims and desires, then you'll have to work out a strategy to stop them.

One thing is certain - it won't be easy!

IBM PC screenshots shown. Actual screens may vary

Steve Bradley plays one of the most lookedforward-to robotic beat-em-ups of the year. But does it live up to the hype? Or is it just another mediocre effort?

Rise Of The Robots



Nervously, you crouch. Waiting. Waiting for your beastly opponent to inch ever forward. His huge mechanical arms flail. What are you to do? Death, surely imminent. Kick him in the nuts and bolts.

o the robots have finally risen. After a year of hype and bluster, this futuristic, metallic beat-em-up - and after all, it is a beat-em-up - finally hits the shelves. And before the majority of magazine reviews have made their stands too. Tsk.

But listen to the manual: 'Rise Of The Robots is a new 'generation' computer game conceived to combine state-of-the-art programming design and graphics display. Rise was created using the

Auto Desk 3D Studio CAD software package. 3DS is fundamentally a rendering package."

Corks - sounds pretty impressive, eh? And this game looks mighty good. Load up the disks and you're treated to some quality rendered visuals. Not only that, programmers Mirage have got Queen's Brian May on board to execute some axeular wah wah effects. Hurrah! It's taken some time to put this lot together. Rise Of The Robots is, apparently, the first game to be simultaneously

released on all formats. History in the making, eh?

Along the way though, it seems that one vital ingredient has been neglected. Gameplay. Stick the difficulty level on to Medium in oneplayer mode and take on your first opponent. The Loader Droid is a huge, awkward-looking mechanical beast. How can you possibly beat him? Easy. Move your joystick to the top diagonal right position, and if you're feeling lethargic, why not use autofire. Now chat with friends. Or read a book. It doesn't matter, for you don't need to look at the screen. A guaranteed victory. OK, so the Loader Droid isn't meant to be a pugnacious opponent but cripes, you've just spent £43. A teensy bit of action wouldn't go amiss.

Not that beating the other five (phew, count 'em) metallic beasts is so easy, though they still ain't much of a challenge. It's more that this is just a horrible game to play. It takes an age between manoeuvring the joystick and the movement taking place on screen. Rise Of The Robots just feels... well, it doesn't feel at all.



C3PO: SOFT AS BUTTER

CYBORG DROID: The only robot you get to play, unless in training mode, the Cyborg is intelligent but a bit soft.



LOADER DROID: An old, and somewhat stupid robot. If you can't beat this chap, retire to Worthing immediately.



MILITARY DROID: Has advanced artificial intelligence, apparently. Vulnerable to extremely heavy blows. You'll beat him.



BUILDER DROID: Huge, ape-like robot. Slow to react, trap him in the corner and kick him until he falls over. Easy.



SENTRY DROID: A tough opponent, the Sentry Droid has few weaknesses. He looks a tad stupid, however.



CRUSHER DROID: This chap has got a particularly long reach, but he's rather vulnerable to the counter attack.



A dead robot. This screen appears every time you win. Subtle, eh?





FTHE KOBOTE

TOP: After each bout, the loser gets to view a pretty, if rather unpleasant picture of himself.

ABOVE: And from a great height did the Crusher Droid attack you.

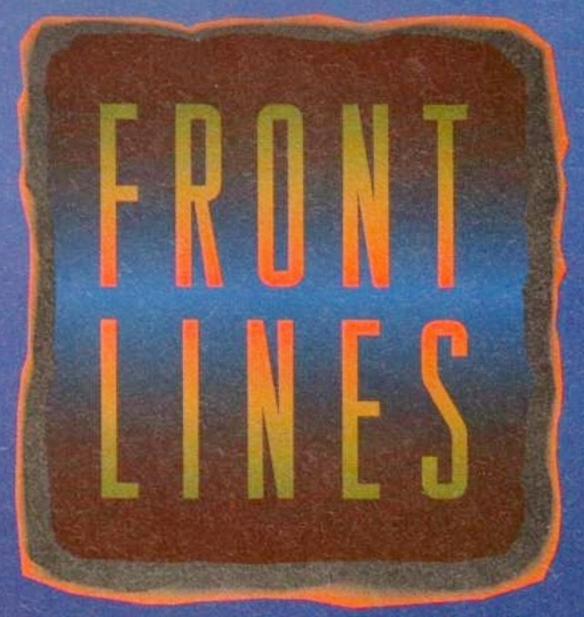
I cannot recommend you buy this game. You're as well to look at the screenshots in the magazines as to spend over 40 quid. The five-disk intro looks tremendous. But you only ever watch these things twice. The robots look fabulous. The attention to detail is excellent, the movement fluid, in a mechanical sort of way. They're supposed to have artificial intelligence which allows them to read your moves and act accordingly.

So why is it that you can squeeze them into a corner and tap away at them until the bout is yours? Simple moves like crouch and kick are very effective, but after winning five bouts on the trot, you get rather bored.

If you want to buy a beat-em-up then plump for the superb Mortal Kombat II. OK, so it's thin on the ground robot-wise but it's a lot more fun. I really hope you don't get Rise Of The Robots for Christmas.

Rise Of The Robots Time Warner 01604 602800 Publisher: £42.99 (AGA), £34.99 (CD32) Price: AGA, CD32 Versions: **AGA** machine System requirements: Out now Release date: ROBBIES: It looks **MARVINS:** Completely nice. lacking in the essential ingredient commonly known as gameplay. What a pity. 19% Overall rating

It's the year 2020.
The New Age meets man's oldest profession: WAR.



The Future of Combat is Now.

In the future you may have lasers, hovertanks, and powered armor, but do you have the skill to command these forces to victory? If it's total control you want, we've got it. In a turn-based, detailed, create-your-own, hex wargame that blows out the competition with astonishing SVGA graphics and sound effects that will rattle your cage.

The standard wargame just got a whole new set of standards.

Features:

- 256 color SVGA graphics
- Tactical, turn-based hex wargame
- Full scenario builder & unit editor
- 14 types of near-future military hardware
- · Fully animated movement & combat.



Pull up information on any class of units





Football Glory is a pretender to the Sensi throne. Steve McGill reckons that proves that even when you're dead you shouldn't lie down and let yourself be buried.

Football Glory



The cluttered, 2D look of this menu screen contributes to the unpolished feel.

he blurb on Football Glory's box reads 'The best arcade soccer game EVER'. Which is a rather bold, contentious statement that may just succeed in persuading the casual Christmas shopper to part with their hardearned cash.

Before AF even considers the riposte, "compromised editorial integrity", we're going to have to prove why such a bold, contentious statement is, at best, misguided.

Consider the following analogy. You've just walked into Dixons and you're in the market for a new video recorder. The most important features you're looking for are picture and sound quality. In gaming terms, assume that this means playability and longevity.

Standard to set

Other features such as play, fast forward, rewind, a tuner and a four-event timer are just expected to be there, so they can't and shouldn't really be considered beneficial features anymore. Merely standard ones.

Take, for example, pitch surfaces. Sensi Soccer boasts seven of them, while Football Glory manages only four. So, in that sense, FG doesn't even come up to a set standard.

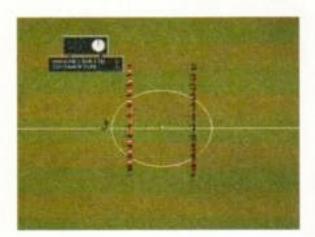
And what about the competitions on offer - leagues, cups and the like? Football Glory offers six: Champions League, UEFA Cup, English League (Premiership), Cup Winners Cup, World Cup and the European Championship. Not bad.

Whiter shade of pale

But it pales into insignificance when you consider that Sensible World Of Soccer provides over 140 pre-set competitions. So that, if you do happen to be one of the minority of football fans who don't actually support an English Premier League team, you're still going to find that you're catered for.

Consider further that in order to knock the top game off its perch, you've not only got to match what it has on offer, you've got to be bigger and play better than it. FG doesn't manage that.

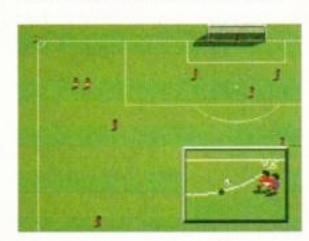
After you've mastered some basic mechanical control, team formations help players develop



Why people would mistake Football Glory for Sensible Soccer is beyond us.



The options screen with AGA background displayed in its radiant colours. Beat that Sensi.



There are two replay modes available. This is the one that's different from Sensi's.

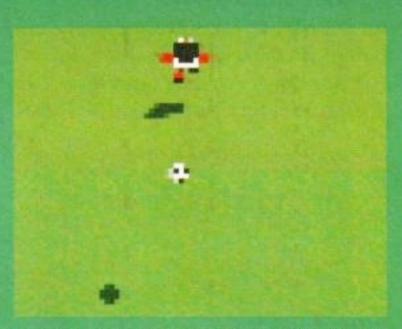
GLORY DAYS



He had an eternity to avoid that tackle and nearly took too long over it.



The good thing about the back heel is that you don't hit it with the front foot.



Cantona tries one of those impossible bicycle kicks which worked on this occasion.



Barcelona find a Speedburst at the right moment fools the opposition.



And Giggs, the man with the left foot, shows what he thinks of Football Glory's special moves by volleying in on the rebound.

ADJUSTABLES

Football Glory is heralded as an AGA game. There are six AGA menu backgrounds to choose from. You can adjust their colour and brightness. Beat that, Sensi Soccer.



Close your eyes and see what happens.



If football hadn't been invented then...



...we'd probably all be frustrated players.



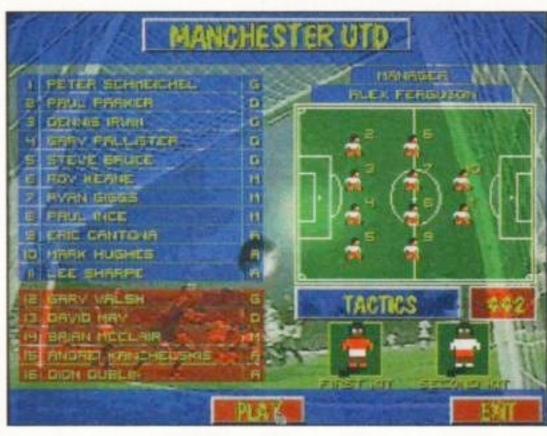
Of course, what we really want to know...



...is what is the point of being able to...



...adjust the colour and brightness?



The shortage of formations to play is characterised by a complete lack of choice.

their own footballing style and add to the gameplay. For example, you might like playing aggressively. Therefore choosing an attacking formation makes sense. The same rings true if you are more defensive in your approach.

Yet Football Glory offers only four formations. Compare that to the 18 offered in Sensible World Of Soccer, six of which are user-definable for extra control. So it's not so much Football Glory as Football Disgrace.

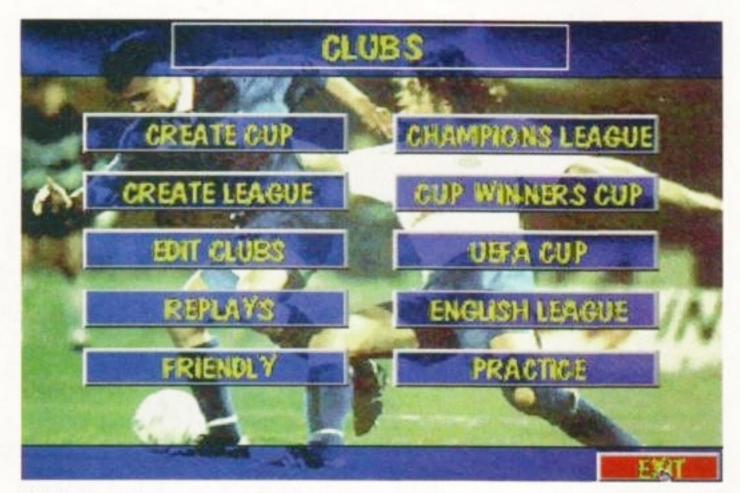
But don't get us wrong, Football Glory ranks as one of the top five Amiga football games on the market at the moment. The inclusion of novel moves – outlined in the box at the bottom of the previous page – such as speedburst, bicycle kicks and volleys give the game a less predictable nature than Sensi.

Moveable feast

There's no doubt that the extra moves will win converts to the Football Glory cause. Skillful use of them pays dividends, and no matter what the general consensus, there are always going to be significant numbers of people who would rather play an alternative to Sensi's smoothflowing passing game.



The customisation of kits is adequate but there could have been more colours to choose from.

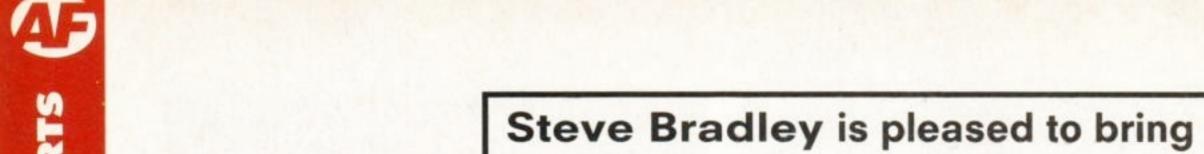


This is the options screen with AGA background displayed in its radiant colours. Beat that Sensi Soccer.

Football Glory is a gritty,
playable, pretender to the throne of
Best Football Game Ever, at present
occupied by Sensible Soccer. As
such, it'll gain converts to its cause.
But, as with most pretenders, the
monarch is in possession of all the
aces and resources of the state.
Which means that Football Glory's
going to get its head cut off when its
face to face confrontation with
Sensible World Of Soccer takes
place in the battlefield of Amiga
gamers' pockets.

There's no doubt that the extra moves are going to win converts to the Football Glory cause.



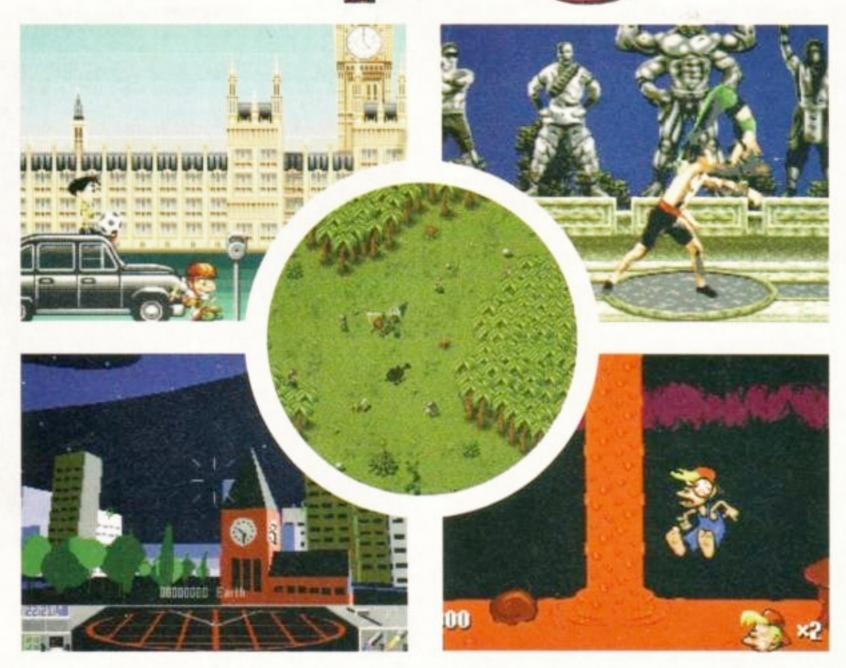


Steve Bradley is pleased to bring you Amiga Format's absolutely amazingly comprehensive run-down of all the best-selling Amiga games.

The top games

CLOCKWISE FROM LEFT: More than a year old, but Soccer Kid is now charting at number three; Global Gladiators - a surprise chart-topper; Bubba 'n' Stix - a lowly 28 in the A500/A600 Top 30, but number three in the CD32 charts; David Braben's space strategy sensation Frontier: Elite 2. CENTRE: A year in the charts and still in the Top 10 - the remarkable Cannon Fodder.

The charts are copyright ELSPA



In the making...

JANUARY

Battle Isle 2 AGA (Blue Byte) Get tanked up, again. Jungle Strike CD³² (Ocean) Helicopters work to rule in leafy environment.

King-Pin (Team17) Beat the bowling alley blues. Sensible Golf (Virgin)

Top-down, check-trousered extravaganza.

Shaq Fu (Ocean) Basketballer beat-em-up Skeleton Krew (Core) Isometric shoot-em-up. Skitchin' (Ocean) Road Rash on roller skates. Super Loopz (Audiogenic)

Pipemania-esque puzzledom.

FEBRUARY

Baldy (Mindscape)

God game involving folk bereft of hair. Chaos Engine 2 (Renegade) Bitmapped shoot-em-up. Cyberwar CD³² (SCI) Virtually virtual reality 3D shoot-em-up. Legends (Krisalis) Zelda-esque role playing game. Mega Race CD32 (Mindscape) Handsome-looking racer. **Spherical Worlds** (Black Legend) Top-down view shoot-em-up.

The Big End (The Hidden)

Isometric-viewed racing game.

THIS MONTH'S TOP 30 A500/A600

2. On The Ball: World Cup Edition (Daze) 80% 3. Soccer Kid (Krisalis) FG93% 4. Frontier: Elite 2 (Gametek) FG90% 5. Club Football: The Manager (Software Business) 79% 6. International Sensible Soccer (Renegade) FG93% 7. Cannon Fodder (Virgin) FG95% 8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) FG94% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin)	1.	Mick And Mack: Global Gladiators (Virgin)	86%
3. Soccer Kid (Krisalis) FG93% 4. Frontier: Elite 2 (Gametek) FG90% 5. Club Football: The Manager (Software Business) 79% 6. International Sensible Soccer (Renegade) FG93% 7. Cannon Fodder (Virgin) FG95% 8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG94%	2.	를 선거되어 하나 있다면 없이 불편한 이번 회에 있었다. 전에 가면 보면 이렇게 되었다. 이번 경험 등에 하는 경험 등에 가장 되었다. (1) 🚾 (1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
5. Club Football: The Manager (Software Business) 79% 6. International Sensible Soccer (Renegade) FG93% 7. Cannon Fodder (Virgin) FG95% 8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) <t< td=""><td>3.</td><td></td><td></td></t<>	3.		
5. Club Football: The Manager (Software Business) 79% 6. International Sensible Soccer (Renegade) FG93% 7. Cannon Fodder (Virgin) FG95% 8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) <t< td=""><td>4.</td><td>Frontier: Elite 2 (Gametek)</td><td>FG90%</td></t<>	4.	Frontier: Elite 2 (Gametek)	FG90%
6. International Sensible Soccer (Renegade) FG93% 7. Cannon Fodder (Virgin) FG95% 8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	5.	그리트 사람들이 얼마나 하나 나는 아무리	
7. Cannon Fodder (Virgin) FG95% 8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	6.		
8. Premier Manager 2 (Gremlin) 80% 9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	7.		
9. Championship Manager '93 (Domark) 82% 10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG93% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 89% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	8.		
10. European Champions (Ocean) 73% 11. Skidmarks (Acid) FG90% 12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG93% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	9.	Championship Manager '93 (Domark)	82%
12. Kick Off 3 (Anco) 79% 13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	10.		
13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	11.	Skidmarks (Acid)	FG90%
13. Tactical Manager (Kompart) 78% 14. Wild Cup Soccer (Millenium) Not reviewed 15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	12.	Kick Off 3 (Anco)	79%
15. The Settlers (Blue Byte) FG94% 16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	13.		
16. World Cup Year '94 Compilation (Empire) FG94% 17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	14.	Wild Cup Soccer (Millenium)	Not reviewed
17. Lemmings 2 (Psygnosis) FG94% 18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	15.	The Settlers (Blue Byte)	FG94%
18. Ruff 'n' Tumble (Renegade) 87% 19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	16.	World Cup Year '94 Compilation (Empire)	FG94%
19. Detroit (Impressions) 69% 20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	17.	Lemmings 2 (Psygnosis)	FG94%
20. Valhalla (Vulcan Software) 23% 21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	18.	Ruff 'n' Tumble (Renegade)	87%
21. Formula One Grand Prix (Microprose) FG92% 22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	19.	Detroit (Impressions)	69%
22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	20.	Valhalla (Vulcan Software)	23%
22. Mortal Kombat (Virgin) 74% 23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	21.	Formula One Grand Prix (Microprose)	FG92%
23. Beneath A Steel Sky (Virgin) FG94% 24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%	22.	Mortal Kombat (Virgin)	74%
24. Zool 2 (Gremlin) FG93% 25. The Patrician (Ascon) 79% 26. Leeds Utd Champions (CDS) 32% 27. Liberation (Mindscape) 80% 28. Bubba 'n' Stix (Core Design) 89% 29. Fury Of The Furries (Mindscape) 55%		Beneath A Steel Sky (Virgin)	FG94%
26. Leeds Utd Champions (CDS)32%27. Liberation (Mindscape)80%28. Bubba 'n' Stix (Core Design)89%29. Fury Of The Furries (Mindscape)55%	24.		
26. Leeds Utd Champions (CDS)32%27. Liberation (Mindscape)80%28. Bubba 'n' Stix (Core Design)89%29. Fury Of The Furries (Mindscape)55%	25.	The Patrician (Ascon)	79%
28. Bubba 'n' Stix (Core Design)	20.00	Leeds Utd Champions (CDS)	32%
28. Bubba 'n' Stix (Core Design)	27.		
29. Fury Of The Furries (Mindscape)	28.	Bubba 'n' Stix (Core Design)	89%
30. Man Utd Premier League Champs (Krisalis)80%	29.		
	30.	Man Utd Premier League Champs (Krisalis)	80%



ARCADE POOL: We said it when it was released, and we'll say it again - Arcade Pool: it's got balls.

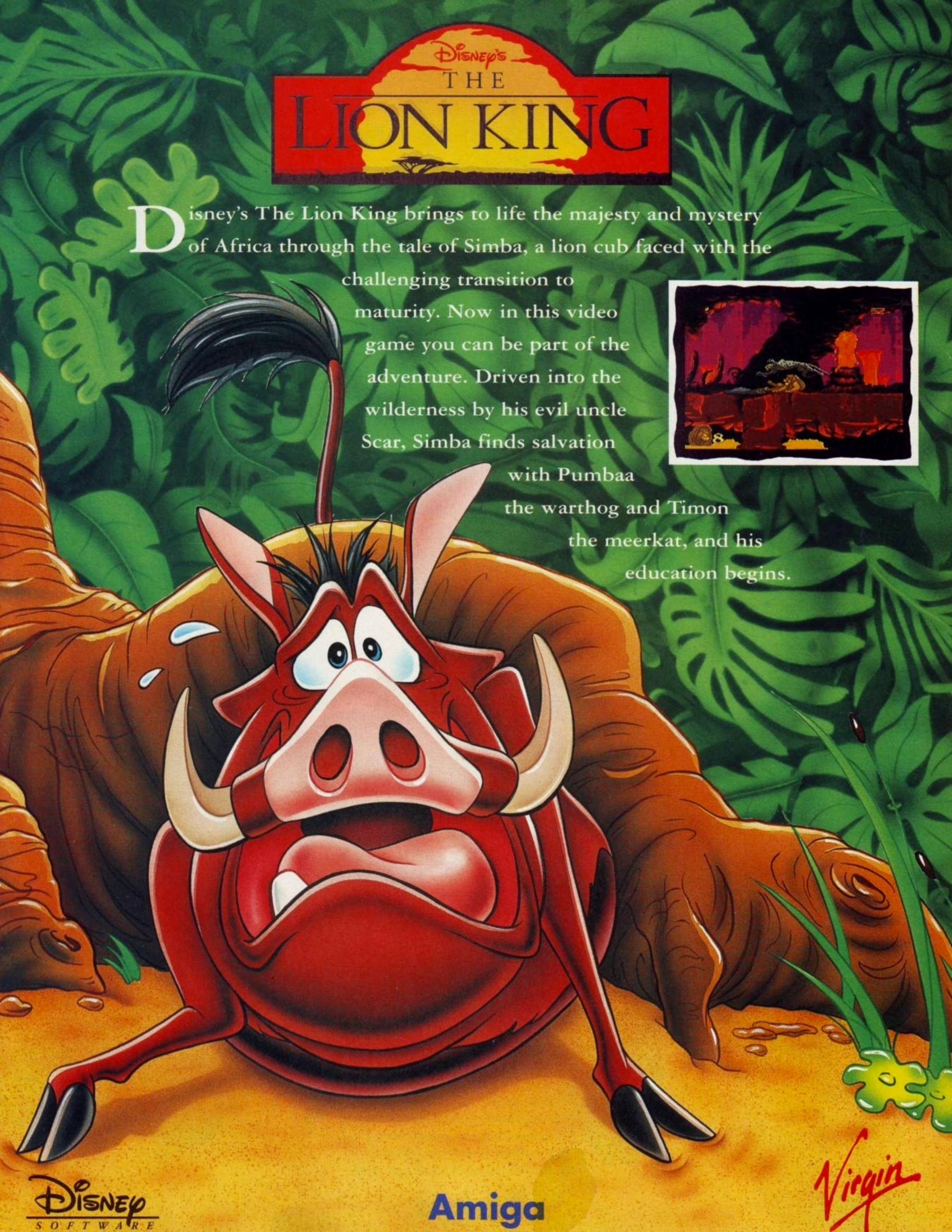
Top 10 Budget

1. Champ Manager '94 (Do 2. Corkers Compilation	mark) 65%
(Core Design)	Not reviewed
3. Batman Returns (Gamete	ek) 48%
4. Classic Board Games	
(Merit)	Not reviewed
5. Arcade Pool (Team 17)	FG94%
6. PGA Tour Golf Plus	
(Hit Squad)	FG93%
7. Utd PLC Data Disk	
(Krisalis)	Not reviewed
8. Populous 2 (Hit Squad)	FG90%
Monkey Island 2 (Kixx XL)) FG94%
Sim City Classic (Maxis) 83%

Top 10 A1200

 Theme Park (Electronic Art 	ts) FG91 %
2. UFO: Enemy Unknown	
(Microprose)	FG90%
3. Super Stardust (Team17)	FG90%
4. Banshee (Core Design)	FG90%
5. Kick Off 3 (Anco)	79%
6, Civilisation (Kompart)	Not reviewed
7. Fields Of Glory (Micropros	se) 44%
8. On The Ball: World Cup E	dition
(Daze)	80%
9. Soccer Kid (Krisalis)	FG93%
10. Gunship 2000 (Micropros	se) FG94%

Top 10 CD32	
1. Arcade Pool (Team 17)	FG90%
2. James Pond 3 (Millenium)	75%
3. Bubba 'n' Stix (Core Design)	89%
4. UFO: Enemy Unknown	
(Microprose)	FG90%
5. Cannon Fodder (Virgin)	FG94%
6. Jetstrike (Kompart)	78%
7. Nigel Mansell's World Cham	pionship
(Gremlin)	73%
8. Guardian (Acid)	88%
9. Humans 1&2 (Gametek)	78%
10. Simon The Sorcerer	
(Adventure Soft)	67%







Moody and atmospheric. Beneath A Steel Sky and Steve McGill are both these things. McGill's also very tall. And he's reviewing Fields Of Glory. And Roadkill.

Games

ne of the big Christmas games on floppy-based Amigas last year, Beneath A Steel Sky (Virgin 0181-960 2255, £29.99) featured the artwork of Dave Gibbons of Watchmen fame coupled with a complex adventure engine and a more-than-engaging plot.

The CD³² version is exactly the same as the original except for the inclusion of speech and exclusion of RSI-inducing disk swaps.

I completed the floppy version for the tips section of sister magazine Amiga Power and even though I knew exactly what I was doing, it still took over 30 hours solid playing time to finish the game. Admittedly, a fair proportion of that time was spent

disk swapping (the floppy version came on 15 disks).

But that couldn't hide the fact that it looks and feels as if you're interacting with a comic book. The characters you meet aren't the wooden fill-ins that tend to populate lesser point-and-click adventures.

And, more importantly, there are several red herrings thrown in to deliberately confuse and deceive the adventurer - keyboards to be pressed, cupboards to be opened, that sort of thing. Moreover, certain actions have to be completed in real time, such as stealing Hobbin's spanner while he's away. This bit is tricky, and I found it nigh on impossible using the CD32 controller. A mouse soon rectified the fault.

If you own a CD32 and have never played Beneath A Steel Sky, treat yourself. It's an excellent adventure atmospheric and compelling - and the speech adds to the mood, if you're into that sort of thing.

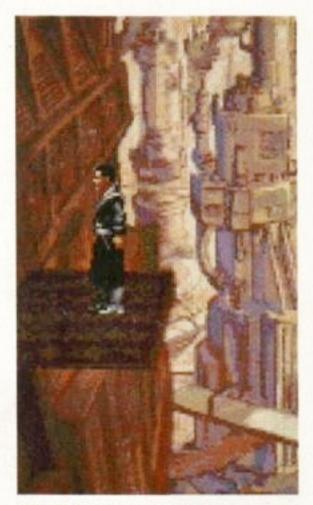
Last month, AF reviewed the floppy version of Fields Of Glory (Microprose 01454 326532 £34.99). It received a low mark of 44 per cent due to what we figured was a fundamental flaw in the mechanics of the game. Namely, that despite the seeming inclusion of natural terrain hazards such as rivers, hills, and woods, they bore no relation whatsoever to the progress of troops.

Unfortunately, this glaring fault hasn't been rectified with the CD³² version. In effect, the battlefield is as flat and obstacle free as The Battle Of Guagamela at Arbela - the decisive battle between Alexander The Great and Darius King Of Persia where the Persians had flattened the fighting area months in advance.

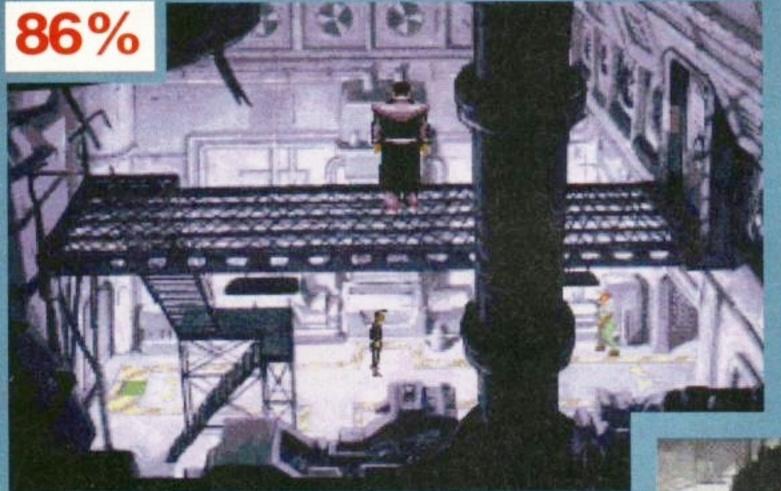
There are six battles to be fought in all. Two of them are fictional to help the gamer familiarise themselves with the tactics and control system and the other four are based on true historical battles as they happened the most famous being Waterloo.

This problem is a shame, because the graphics and real-time action

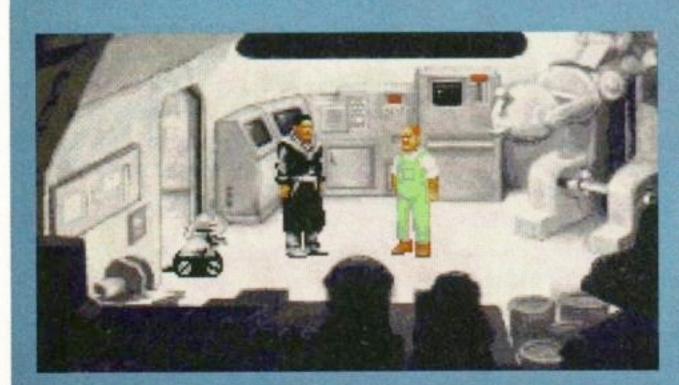
Continued overleaf



BENEATH A STEEL SKY: And remember kids, if you're ever offered any drugs that make you think you can fly, just say no.



BENEATH A STEEL SKY: A fantastic adventure that no self-respecting CD32 owner should be without. So, when you're hanging up a stocking at the end of your bed, leave a note for Santa, along with some biscuits.

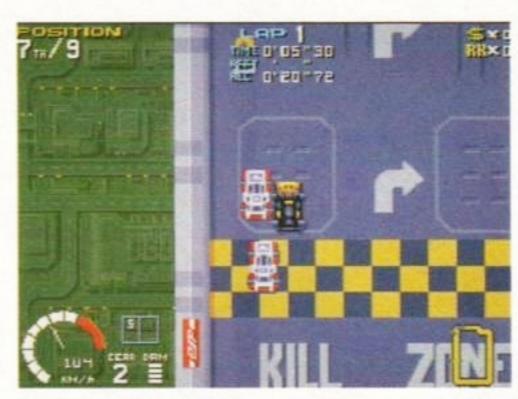




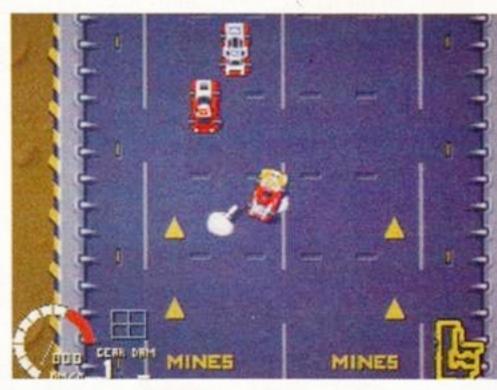




ROADKILL: It's a real pity that we didn't have space to show you more pics of the intro. It's the best anim rendered with *Imagine* that you'll ever see. Probably.



ROADKILL: And the car in front is absolutely unique except for the one behind it which is absolutely identical. Meanwhile, the car with the copper top takes the lead.



ROADKILL: The ultimate tension reliever in traffic congestion has to be the homing rocket. If only real cars disappeared the way cars do in *Roadkill*.

make FOG more exciting than your average wargame. Microprose have implemented a mechanism called Close Quarters Combat System which lets you see skirmishes and fights at a Brigade level where one figure represents about 70 men.

Exciting stuff indeed, which makes the flat terrain flaw all the more exasperating. Still, the CD³² version offers the same database of commanders as the PC version. But,

unlike the PC, the database can't be accessed during a battle. Which pretty much makes it ineffective.

All in all, AF would like to recommend this, but the glaring fault of the flat terrain makes a mockery of any tactics and strategies employed by budding commanders.

Overhead racing games are nothing new in the world of computer games. *Roadkill* (Acid Soft via Guildhall Leisure 01302 890000, £29.99) follows on in the tradition of great games such as *Super Sprint*, *Super Cars 2* and *Micro Machines*.

It features one of the best intros to a game that you'll ever see – a fantastic 3D-rendered real-time race featuring professional zooms, tracks, pans, motion blurs and lens flares. It's gruesome in parts – drivers get cut in half after spilling on to the track.

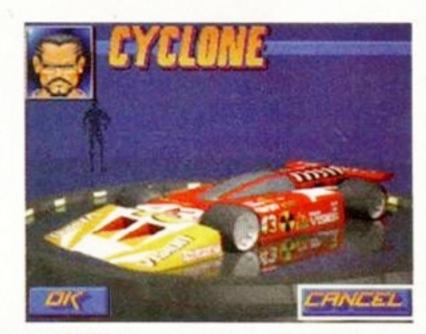
But anyway, that's enough about intros that have absolutely no bearing on a game. Following the traditional course of overheads, the steering system is rotational. The make or break of the playability in this case is the amount of traction, steerability and control given to the car.

Many overheads have been ruined by being too slippy slidey so that the player feels as if they're driving on an ice rink with bald tyres.

Not so with Roadkill, which was written in Blitz Basic. The traction is just about perfect. There are many combinations of 90 degree and hairpin corners and by taking the correct approach and getting throttle control right you can achieve perfect cornering almost every time.

Of course, driving about on a track, no matter how exciting that track is, by yourself is a bore. So there are eight computer-controlled opponents to race against. And to add spice to the racing, there are various pick-ups and power-ups which let you implement nefarious actions such as wasting opponents with missiles, speedbursting to higher top end velocities, mending damaged armour and others that we'll leave you to find out about.

But it's not only the pick-ups that enhance the racing: there are built-in obstacles and aids on the courses as



ROADKILL: Choose from any of six cars. Some feel different when you're driving them.

well. Speed ramps send your car helplessly out of control, kill zones let you bash other cars to death and mined shortcuts give you the extra edge which means the difference between qualifying or failing.

In all, it's an excellent little package to play. But it does suffer from some major shortcomings. It only features four levels with three courses to each level. More than a bit stingy considering that there's an incredible amount of storage space on a CD and that many of these courses could just as easily have been randomly generated using a tiling system.

So a considerable amount of marks are lost for that. And to compound the problem, there's no two-player option, no serial-link, no split screen or two players on screen at the same time. Which, when you're asking the punter for 30 quid for a game, is nigh on unforgivable.

Sadly that means what should have been a high eighties game can only be given a mid-seventies mark.

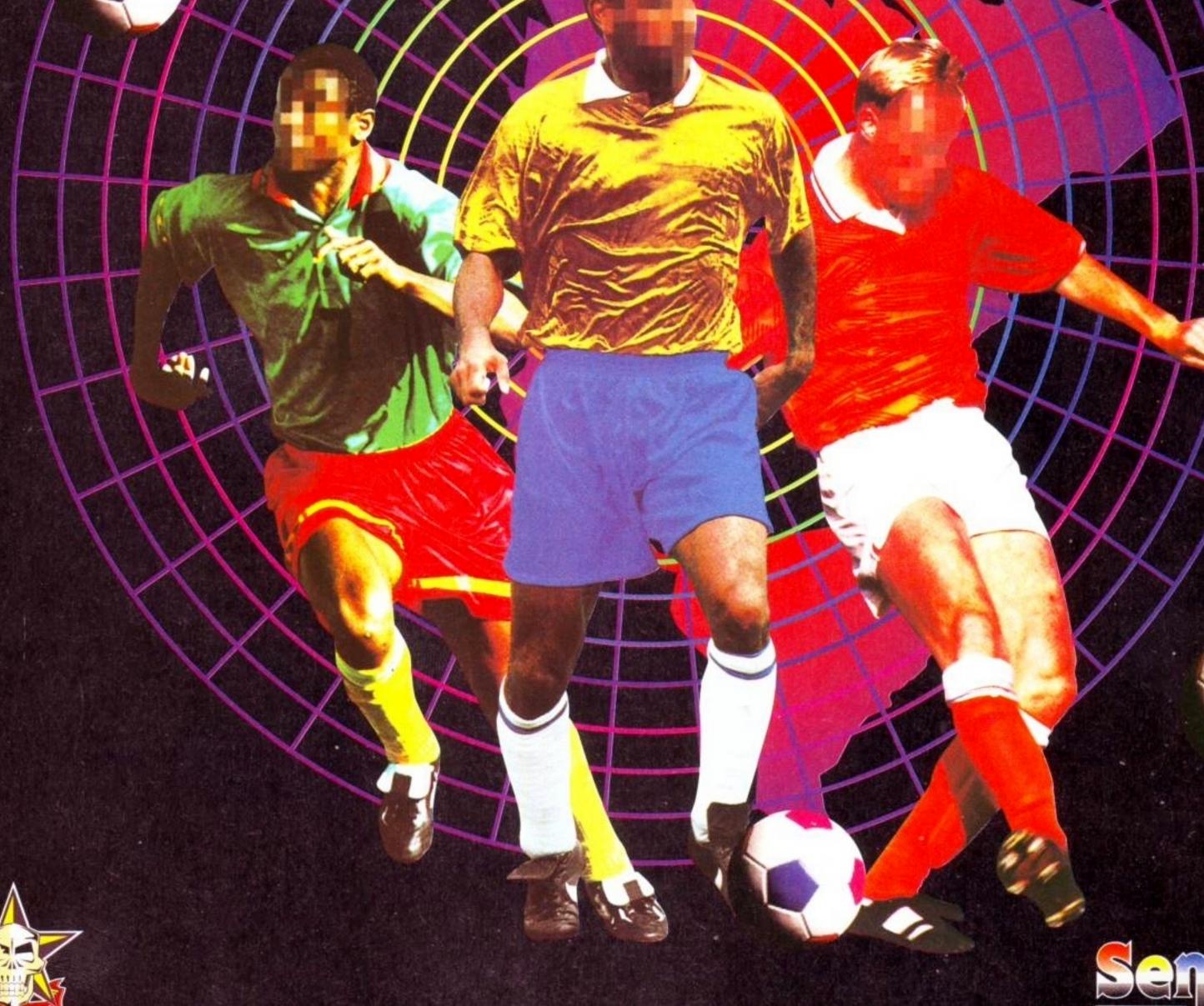
The game, its presentation, technical implementation and gameplay execution is so polished that it doesn't so much shine as radiate. But the price, small number of courses and lack of a two-player option cast a shadow so dark that it blights the complete package.

ZAPPO CD DRIVE

All the CD³² games were tested with the Zappo CD drive. *Roadkill* and *Fields Of Glory* work fine, but *Beneath A Steel Sky* does not work on the Zappo drive.



SEM SIDLE







(01903) 850378 SEASOFT

A1200 ONLY

1384 DIAGNOSTIC PROG (1) Comprehensive tests 1619 A1200 PREP DISK (1) Program to set up hard drive 1372 A1200 VIRUS KILLERS (1) Excellent virus killer 1332 AGATHY DEMO (1) Shows off the AGA graphics 1273 ASI FIX DISK VOL 1 (1) Get A500 programs working! 1334 ASI FIX DISK VOL 2 (1) More A1200 utilities 1713 BACMAN (1) Aga Pacman game 1336 BEYOND BELIEF (1) Spectacular AGA demo 1358 BIG GIRLS (X) (1) 1431 BIG TIME SENSUALITY (2) Excellent MegaDemo 1389 BODY SHOP 7 (X) (2) Page 3 style pics 1407 BORIS VALLETO (2) Fantasy slideshow 1394 CHANEL NO 5 (1) Brand new megademo 1704 CINDY CRAWFORD (X) (2) Excellent pictures of top model 1365 CLAUDIA SCHIFFER (1) Excellent pictures of top model 1316 CYNOSTIC S.SHOW (1) Brilliant AGA slideshow 1660 DIRT DEMO (1) An excellent demo from Mystic 1383 ERIKA ELENIAK (X) (1) A must for Baywatch fans 1376 EXPLICIT 2 DEMO (1) Demo with stunning effects 1414 FATAL MORGANA (1) Demo with Beavis & Butthead 1337 FERRARI PICS (1) Hand drawn pics of cars 1409 FIT CHICKS 3 (X) (2) Page 3 style pics 1340 FULL MOON (1) Stunning AGA demo 1411 GLADIATORS (2) Slideshow of your heros 1663 ILEX DÉMO (1) A must for demo collectors 1707 KLONDIKE V3 (4) Latest version of excellent AGA patience game with 5 different packs of cards (Airbrush; C64, Puzzled, Traditional, Reko) Needs HD. Extra Klondike card sets-1637 Art (1) 1640 Cindy Crawford (X) (1) 1715 Ellie Mcpherson (X) (1) 1638 Faces (1)

CLR LICENCEWARE

WE STOCK THE COMPLETE RANGE OF CLR TITLES CLU03 TYPING TUTOR (£3.95) CLU06 SUPERSOUND V4.7 (£3.95) CLU10 POWER ACCOUNTS (£3.95) CLU32 POWER TEXT 2 (£3.95) CLU41 REFLECTIONS (£4.95) CLE29 PREHISTORIC FUN (£3.95) CLE48 ROCKET MATHS (£3.95) CLE52 TELL THE TIME (£3.95) CLE61 SOUND & ANIM STUDIO (£4.95) CLE64 I.Q. TESTER (£3.95) CLG22 STOCKING FILLERS (£3.95) CLG35 OG! THE CAVEMAN (£3.95) CLG51 TEN PIN BOWLING (£3.95) CLG61 WORLD CUP MANAGER (£5.95)

CLR ENCYCLOPEDIAS

Excellent range of educational disk based encyclopedias, with detailed text, diagrams/photographs etc. CLE01 DINOSAURS 2 (£4.95) CLE02 GEOLOGY (£3.95) CLE03 SOLAR SYSTEM (£5.95) CLE07 FRESH FISHING (£5.95) CLE14 ECOLOGY (£5.95) CLE31 SPITFIRE (£4.95) CLE33 MESSERSCHMITT BF109 (£4.95) CLE35 SOLAR SYSTEM 2 (£5.95) CLE41 BASICALLY MEDICINÈ (£4.95) CLE49 DINOSAURS 3 (£5.95) CLE54 THE TITANIC (£4.95) CLE55 BASIC LANGUAGE (£3.95) CLE56 CHEMISTRY (£3.95) CLE58 STARS & GALAXIES (£5.95) CLE62 MASSAGE (£5.95) CLE63 TUTANKHAMEN (£4.95)

ACCESSORIES

(£1.00 p&p) PYTHON JOYSTICK - £8.99 ZIPSTICK JOYSTICK - £12.99 MOUSE MAT - £2.99 PICTURE MOUSE MAT - £4.99 MOUSE HOLDER - £2.50 HEAD CLEANING KIT- £2.99 MONITOR COVER - £4.99 A500 DUST COVER - £2.99 A600 DUST COVER - £2.99 A1200 DUST COVER - £2.99 PRINTER STAND - £4.99 PRINTER LEAD (1.8m) - £3.99 PRINTER LEAD (5m) - £6.99 PRINTER SWITCH BOX - £12.50 CENTRONICS LEAD (1.8m) - £4.99 4 PLAYER ADAPTOR - £5.99 LONG JS EXTENDER - £4.99 MESH MONITOR FILTER - £12.50 SHORT TWIN EXTENDER - £4.99 AMIGA-SCART LEAD - £10.00 KB WRIST SUPPORT - £4.99 MIDI LEAD (3.0m) - £4.99 MIDI LEAD (6.0m) - £6.99

1478 A64 EMULATOR V3 # (2) 1476 ACC HARDWARE PRO-**GRAMMERS MANUAL M1 (1)** 1475 ACC ISSUES 1-4 (1) 1481 600 BUSINESS LETTERS (1) 1629 AREXX TUTORIAL (1) 1630 ASTRO 22 V3 (1) Serious Astronomy program 1621 AWARD CON. KÎT (1) Create your own awards 1634 BUDBASE (1) Excellent database program 1483 CODE MUNGUS V5.7 (1) Highway code tutor 1311 COMMUNICATE (1) Sign; flags; morse code etc. 1310 COPIERS UNLIMITED# (1) Excellent collection of copiers 1216 D-COPY 3 (1) Excellent copying program
1491 EASY CALC PLUS # (1) Comprehensive spreadsheet 1647 FINAL WRAPPER (1) Final Writer Macros 1626 ICON EDITOR V4 (1) 1260 JPEG UTILITIES # (1) 1200 KICK V1.3 # (1) Run those old A500 programs 1499 MENUMASTER III (1) Create your own Menus 1261 N-COMM V3 (1) Comms package 1004 NORTH C (2) 1198 NUMPAD (1) Numeric keypad for your A600 1277 PC TASK V2 (1) Demo of PC emulator 1318 PRINTER DRIVERS (1) Canon BJ; HP Deskjet; Ricoh LP1200 966 SID 2 (1) Directory utility 1482 SUPER DARK (1) Excellent screen blanker 1305 TEXT ENGINE V4.1 (1) Word processor with spell checker

MORTON STRIKES BACK AGA — £7.00

Latest morphing program 1712 VIRUS CHECKER V6.43 (1)

1631 V-MORPH V3.2 (1)

1650 XMAS CLIPART (1)

Mono Clipart Christmas theme

Brilliant new AGA version of this classic style platform game with 80+ colourful levels (80% AF)

CLIP ART

mono & colour from £1.00 per disk

ACC HARDWARE PROGRAMMER'S MANUAL

Vol 5 & 6 now available £5.00 each Volumes 1 to 3 - £12.50 Volume 4 - £5.00

THE AMIGA EXPERIMENT

Some of the best known names from the Amiga music scene on this unique audio cassette 26.00

NOTHING BUT AMOS - £2.50

Issue 7 of the best selling AMOS disk magazine now available

(£4.50 with support disk) Issues 1 to 6 also available

MEGA MOUSE Microswitched 400dpi ultra high res £12.95

BUDGET MOUSE £9.99

AMIGA PD & SHAREWARE

MUSIC

1456 BARNEY WARTS 'N' ALL (1) OctaMED Modules 1461 FRIENDS OF PAULA 5 (1) OctaMed modules from MUG 1659 FRIENDS OF PAULA 6 (1) 1455 DRUMKIT 3 (1) Excellent OctaMed modules 1436 MAKING TRAX VOL 1# (1) 4 OctaMED Modules 1504 MELODICALLY CORRECT (1) 7 Excellent OctaMED Mods 1503 MUSICALLY CHALLENGED(1) More high quality modules 1661 ROBS ROCKERS 1 (1) 6 OctaMED Modules 1662 ROBS ROCKERS 2 (1)

1453 BASS SOUNDS (1) Bass samples form MUG 1454 BRASS & WOODWIND (1) Brass & Woodwind samples Quality Drum samples 1447 XMAS SONGS (1) Excellent Hear your favourite Christmas songs

1702 EAGLE PLAYER V1.53 (2) Latest Multi format music player 1706 MIDI PACKET MASTER (1) Transmit or receive samples from your Amiga to Midi synth (eg Yamaha SY85) 1462 MIDI TUTORIAL (1)

Excellent Midi Tutorial 1463 NO SAMPLER? (3) Various rippers & other tools 1443 OctaMED V2 (1) Fully working 8-channel editor 1701 OctaMED V5.02# (1) Non-save demo of latest version 1444 OctaMED 4 MANUAL (1) 1442 PROTRACKER V3.1 (1) Latest version popular tracker 1471 TI 5 (1) Excellent Disk Mag from MUG 1472 TI 1993 (3)

The very best of TI issues 1 to 4 1508 X BEAT PRO (1) Shareware Drum sequencer

PLEASE CALL IF YOU CAN'T SEE WHAT YOU WANT

ONLY £1.00 PER DISK FOR 5 OR MORE

1 disk - £1.50, 2 to 4 disks - £1.25, 5 to 19 disks - £1.00, 20+ disks - 90p

Number of disks shown in brackets Titles marked # will not work on A500 (V1.2/V1.3) Titles marked (X) are suitable for over 16s only

ALL OUR CUSTOMERS

SPECIAL VALUE PACKS

FONTS Over 180 Compugraphic fonts (16 disks) for WB 2 & 3, Wordworth 2+, Final

Copy, Final Writer, Page Setter 3 etc.

£12.00

ASSASSINS GAMES

Select any 10 disks from the 200+ Assassins games collection for only £8.00

OctaMED MODS Hundreds of modules from the Med Users Group

members collection 10 disks per pack, 6 packs currently available

£8.00 per pack

STARTER PACK MED USER GROUP

10 Blank Disks, Mouse Mat, Head Cleaning Kit, 100 Capacity Disk Box, Amiga Dust Cover (state A500/A600/A1200)

£15.00

CD ROMS

AMINET 4 - £19.95

Latest offerings from the Aminet archive. Hundreds of files of

applications, games, mods, demos etc. etc.

(AMINET 2 & 3 also available)

AMOS PD - £19.95

The official AMODSPD library (1 to 621), various AMOS/Pro

extensions, Iss 1 to 6 of Totally AMOS mag.

ASSASSINS COLLECTION - £19.95

The largest collection of CD32 compatible games available (most

OK on CDTV & A570 etc.) All ready to run from an easy to use

menu system. Also includes all 200 Assassins games disks in

compressed form.

CDPD 4 - £19.95

Fish disks 891 to 1000, AM/FM, GNU C/C++, etc.

(CDPD 1, 2 & 3 also available)

EMERALD MINES - £14.95

Over 10,000 levels of this classic game OK on CD32

EUROSCENE 1 - £14.95

600Mb of demos & music from the Euroscene gatherings

FRESH FISH SEPT/OCT - £19.95

The very latest from the famous Fred Fish collection

GOLD FISH - £29.95

Fred Fish 1 to 1000 in archived and ready to run form

NETWORK ROM - £14.95

Various networking tools, Fish, AMOS, T-Bag etc.

SOUNDS TERRIFIC - £19.95

Double CD containing thousands of music files for Amiga & PC.

Modules, Midi Files and IFF, WAV & VOC samples

WEIRD SCIENCE CLIP ART - £9.95

26,000+ files of Amiga & PC Clip Art. Mono & coloured

IFF, Pagestream, Pagesetter, EPS, IMG & Corel Draw

WEIRD SCIENCE FONTS - £9.95

Amiga & PC Fonts. Including Adobe, Compugraphic,

Bitmap, IFF, Postscript, Pagestream, Truetype & PCX etc

MEETING PEARLS - £19.95

PROFESSIONAL FONTS - £19.95

Spreadsheet, Forms Designer & Accounts £4.50

OFFICE

5 essential tools for the

small office -

Word Processor, Database,

Friends of Paula 1-5 (Octamed 4/5 Modules) Drum Kit 1-3, Bass & Brass/Woodwind Samples

28.00

(01903)850378GAMES/EDUCATION

1319 ACT OF WAR (1)

Excellent strategy game 1648 ACT OF WAR MISSIONS (1) 1718 STAR TREK (1) Extra Missions for Act of War 1527 BACK TO SCHOOL (3) 3 Educational games for kids 1523 BODY PARTS (1) How the body moves etc 1636 DR STRANGE (1) Excellent Platform game 946 DINOSAURS (1) Learn all about Dinosaurs 1716 GREEN 5 (1) Excellent Flaskback game 1385 GUSH (1) Excellent Pipemania clone 1386 HIGH OCTANE (1) Overhead car racing game 1262 HOW THE EARTH BEGAN (1) Educational slideshow 5-10 1517 ILLUSIONS (1) Excellent Shareware art package 1510 KIDS VOL 1 (1) Excellent for young children 1388 KUNG FU (1) Platform beat em up 1425 ROAD TO HELL (1) 2 Meg overhead racing game 1521 RUNE MASTER (1) Learn all about Rune Stones 1717 SCRABBLE (1) Traditional Board Game 1427 STARBASE 13 (2) Graphic space adventure game 1196 SCIENCE 1 (1) Programs about Astromomy 1429 LITTLE TRAVELLER (1) A guide to travelling the world 1517 TOME OF MYTHS (2) Learn about Classic Myths 1507 TOTAL WAR (1) Risk style strategy game 1433 WORLD GEOGRAPHY (1) Geological maps of the world 1271 WORLD WAR II (1) Second World War text book 1607 WORLD MAPS COLOUR CLIP ART A-Z (9) Iff pictures to load into DPaint

T.I. 9 - £2.50 Latest issue of the official MED Users Group disk

magazine Essential reading for all OctaMED users iss 6 to 8 also available)

A1200 ONLY

Additional Klondike card sets 1641 IRON MAIDEN (1). 1639 MANGA (1) 1642 DAVE SANDMAN (1) 1643 WOMAN (X) (1) 1345 LOCKPICK 2 (1) Install many games on HD 1343 MEGA BALL (1) Classic game 1346 MAGIC FACTORY (2) **Excellent Star Trek pictures** 1344 MAGIC WORKBENCH (1) Dazzling new look for WB 1651 MAGIC W/B EXTRAS (2) More Magic WB icons (JTEs) 1352 MANGA SLIDESHOW (4) "Famous Japanese artwork" 1356 MINI AGA SLIDESHOW (2) Collection of Raytraced pictures 1350 MIRAGE SUBLIMINAL (2) Acid demo - blow your mind 1655 MISSILES OVER XENON (2) AGA Missile Command game 1711 MONOLOPY AGA (1) Excellent English Board Game 1654 MORPH MAGICIAN (1) ES anim (Req 4Megs and HD) 1348 MOTOROLA INVADERS (2) AGA space invaders game 1645 NIGHTBREED VOL 4 (2) Excellent AGA slideshow 1369 NINE FINGERS (2) Stunning Rave demo - a must 1393 NOT AGAIN (1) Excellent megademo 1363 ORIGIN AGA DEMO (2) Space megademo 1366 POINT OF SALE (1) Classic demo - a must for demo fans 1395 RAY WORLD (3) Brilliant - Out of this world 1534 REAL DEMO (1) Unusual AGA demo 1653 ROKETZ (1) Brilliant new gravity/thrust game with excellent GFX & gameplay 1228 SLEEPLESS NIGHTS (1) Loads of useful utilities 1714 SOME JUSTICE 1994 (1) A must for all demo fans 1282 STATE OF THE ART (1) Mega rave demo from Spaceballs 1514 TUTANKHAMEN (2) Pics of some of the treasures 1275 U-CHESS (1) 4 Meg AGA Chess game 1375 VISUAL VERBOSITY (1) Excellent AGA slideshow

FONTS

hundreds available from £1.00 per disk

OctaMED V5.01

with 220 page Companion tutorial.

NOW ONLY £19.95 (£1.00 P&P)

AM/FM - £2.50

Disk magazine for the serious Amiga musician Issue 19 out now iss 1 to 18 also available AM/FM SAMPLES £2.50 per disk

TECHNOSOUND SAMPLERS TURBO - £22.50

TURBO 2 - £29.95

MIDI INTERFACE £22.50

PARNET 1.8m lead - £10.00

5.0m lead - £15.00

CD32 - AMIGA SERIAL LEAD £19.95

Please add 50p P&P to orders for P.D./Licenceware only (£1.50 Europe, £3.00 rest of World) or £1.00 if your order includes other items (Europe & rest of World at cost).

Please make cheques/postal orders payable to SEASOFT COMPUTING and send to: SEASOFT COMPUTING (AC), The Business Centre, 80 Woodlands Avenue, Rustington, West Sussex BN16 3EY or telephone



(01903) 850378 10.00am to 7.00pm Mon-Fri (to 5pm Sat) Mail order only - no callers please

VISA

PI IIAPHAPINA OF WE STOCK THE COMPLETE

RANGE OF F1 TITLES F1001 MAGNUM PRO (£3.99) F1002 CRICKET CRAZY (£3.99) F1005 F1 MUSIC VOL 1 (£3.99) F1007 FORTRESS (£3.99) # F1008 F1 MUSIC VOL 2 (£3.99) F1009 RAINY DAY DISK (£3.99) F1010 KARATE MASTER - needs 2Meg (£3.99) F1011 IFF BALL DESIGNER (£3.99) F1012 OBLITERATIVES (£3.99) F1014 TOTS TIME (£3.99) F1019 TOUCH 'N' GO (£3.99) F1020 IMPACT (£3.99) F1021 MULTIPLAYER YAHTZEE (£3.99) F1023 PICK 'N' STICK (£3.99) F1024 MATHS MONKEY (£3.99) F1025 ART SCHOOL (£4.99) F1028 CL INDEX (£3.99)# F1031 POWER BASE (£3.99) F1033 POWER PLANNER (£3.99)# F1034 FORMULA 1 CHALLENGE (£3.99) F1036 MONEY CASCADE (£3.99)# F1038 AMBASSADOR PRO (£3.99)# F1037 SUPER BINGO (£3.99)# F1041 GRAND PRIX MANAGER (1994) SEASON (£3.99) F1042 MAGPIES KIDS CLIP ART (£4.99) F1043 MAGPIES CLIP ART (£7.99) F1044 BLACKBOARD V3 (£5.99) F1048 ERIK GAME (£3.99) F1049 AMOSZINE (£5.99) F1050 ABSOLUTE BEGINNERS GUIDE TO AMOS (£4.99) F1051 INTRODUCTION TO WORK-BENCH 2 & AMIGADOS (£4.99)#

DISKS & BOXES

(£1.00 p&p)

DISK BOXES

10 cap - £1.25 (buy 5 for £5.00) 40 cap - £4.00 100 cap - £4.99

3.5" DSDD DISKS 100% error free

(includes labels) 10 - £5.00 50 - £22.50 100 - £40.00

DISK LABELS 100 - £1.50

500 - £6.00 1000 - £10.00

rallenge

ANCO

KICK DFF3

ALL NEW!



The top 24 International Teams and the best 96 Euro Club sides battle it out in European Challenge. You'll need style and skill to succeed in this all new, turbo charged, feature packed soccer game.



Looks us Good us it Plays - Superb animation, bit mapped pitches, 2000 detailed sprites.

Soak Up The Big Match Atmosphere - Nearly 1MB of

sound with digitised crowd noise samples and chants.

Use Your Key Men - 10 different matchwinners from Libero to Playmaker.

Deadly Set Plays - 40 different set plays where you're in control.



Practice makes Perfect - Sharpen up your dribbling, crossing, shooting and set pieces before the big game.

CONTINENT?

Master The Moves - 16 individual player actions at



Save your Best Strikes - Get ready for the Golden

your fingertips.

Goals Competitions.



Play alongside the Stars - Team and player edit facility.

Navice to Master Gamer- Everyone can enjoy European

Challenge with skill, speed and ball control option

menus to help you reach the very top. lase of Control - With the option of a 4 button Joypad.



£29.99

PC CD-ROM

KIGHES 13

Pleaty to Win - English, French, German, Italian and Spanish leagues and Cups, 2 Leg Euro Cup and the World Cup itself.

REAL DEPTH - REAL GAMEPLAY REAL FOOTBALL

HIGHEST SCORE: 90%

LOWEST SCORE: 5%

Don't buy a turkey this Christmas



The magazine that plays the game

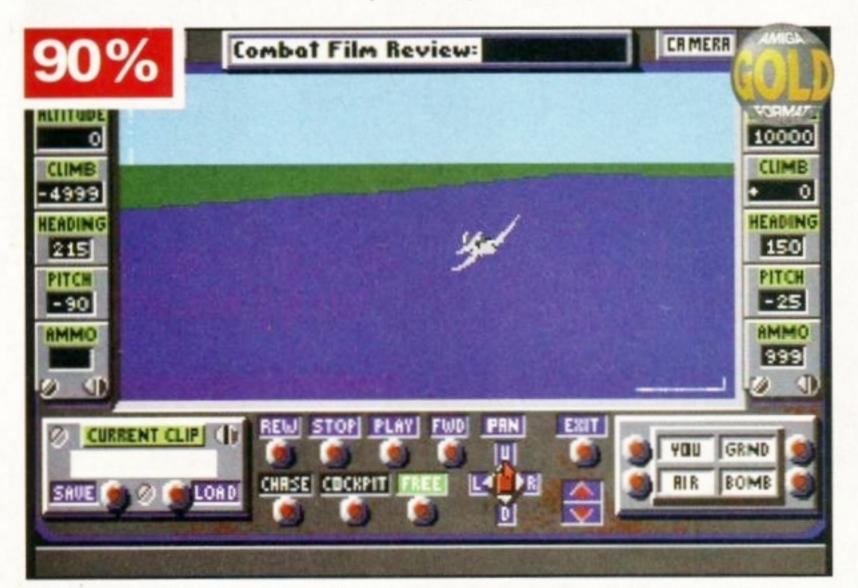
Stephen Bradley looks forward to a frightfully festive season full of frolicsome fun and, er, flight sims...



Re-Releases



REACH FOR THE SKIES: Isn't that what they used to say in Westerns?



THEIR FINEST HOUR: A delight of droning engines, dogfights and handlebar moustaches.

hort trumpet fanfare... Re-Releases returns after a month on the bench and by jove, there are some truly excellent second-time-arounds this Christmas particularly for those of you who like to take to the skies. The ageing Their Finest Hour: The Battle Of Britain (Kixx XL, 0121-625 3311, £16.99, AF11 90%) receives a re-run as does Their Finest Missions (Kixx XL, £10.99, AF28 83%), to utilise which, you need the original. Graphically, you will have seen better games but Their Finest Hour, with its droning engines and dogfighting retains a certain atmosphere.

There are heaps (not heaps, they're pretty good, actually) of planes to fly and missions to tackle but unfortunately it can't quite compete with the comparatively recent *Reach For The Skies* (Hit Squad, 0161-832 6633, £14.99, *AF48* 90%) from ace flight sim coders Rowan Software, responsible for, most recently, *Overlord*. Again, the subject is The Battle Of Britain, only this time, there is a tad more strategy involved. You can join the RAF or Luftwaffe, or you can stay at home and play a flight sim.

Options are more than plentiful, the range of controls is almost baffling – if you wish, you can play the controller enabling you to determine the types and number of bombers sent out on missions. A good choice.

Shuttle (Hit Squad, £14.99, AF41 70%) meanwhile, doesn't quite contain the excitement of the Second World War. Serious sim fans only

Continued overleaf



You too can be one of those magnificent men in their flying machines with *Dogfight*.

DOGFIGHT

Oh no, another flight sim.

Dogfight (Powerplus, £16.99, AF5381%) covers all eras, from World War

One to the present day. You can choose to either dogfight till death or attempt to complete a series of mission objectives.

The best thing about this is the What If option where you can pit planes from different eras against each other – Spitfire versus Stealth Bomber anyone?

Dogfight is a solid enough flight sim but it lacks a certain atmosphere – and it's darned difficult too.

MONKEY ISLAND 2 - LE CHUCK'S REVENGE

■ Kixx XL ■ 0121-625 3311 ■ £16.99 ■ AF36 95%

This is one of the few games whose appeal has not diminished with age. Nothing since the LucasFilm classic has quite matched its humour, or its combination of action, puzzle and adventure and it still looks incredibly slick.

Amiga Format regularly receives at least 10 letters a month asking for tips from people who are still trying to fathom the intricacies of the game, even after two and a half years. We're talking classic here. Everything the original Monkey Island excelled in, the sequel

improves upon – better animation sequences, more character interaction and bundles of humour.

Taking the part of the quite splendidly-monikered Guybrush Threepwood, you point 'n' click your way through a vast gaming area (11 disks, phew!) attempting to solve all manner of puzzles. Yet even when you think you've cracked it, a cunning plot twist usually sets you back on your heels leaving you feeling baffled, bemused and bewildered. If you haven't already got this game, why?



MONKEY ISLAND 2: A classic combination of puzzles, humour, adventure and a silly name.







SHUTTLE: A flight sim for the serious contender rather than the death-or glory-let's-loop-theloop-brigade. The first challenge is completing the manual.

Region of the second of the se

F-117A NIGHTHAWK: Cruise around the world's trouble spots in your Stealth Bomber, safe in the knowledge that you won't get picked up by radar... KABOOOOM... er, much.

need apply, as you embark on a mission to fly NASA's baby to lands far away. Although it's reasonably attractive, *Shuttle* is incredibly techie but if you can get over the shock of the manual, and are prepared to persevere with the plethora of controls, then best of luck.

More modern warfare-ular pursuits abound in *F-117A Nighthawk* (Powerplus, 0276 684959, £16.99, *AF54* 92%) as you attempt to blast your way through the troublespots of Central Europe, Korea, 'Nam (as they used to say), Cuba and the Persian Gulf. And Cornwall. Three levels of conflict here – Cold, Limited and Conventional –

and they basically reflect how much mindless destruction you can cause. The 3D graphics make pleasant viewing and with the old crate being a stealth bomber, it's that much tougher for the 'Hun' to pick you up. If you have a cupboard full of flight sims, you probably won't need this example, but it remains a choice member of the genre.

That's enough flight sims, let's take a stroll around the links (wasn't that a helicopter? Doh!). There still isn't a golf game to touch **PGA Tour Golf** apart perhaps, from **PGA European Tour**, the recent full-price follow up. Yes, **PGA Tour Golf** (Hit Squad, 0161-832 6633, £14.99, **AF22**

90%), despite its sparse graphics remains the most playable golf sim around and now it's even better. The original had three courses and with another three added, *PGA* represents quite tremendous value for money at under 15 sovs.

Sure, it doesn't quite match up visually to Links or Nick Faldo's Golf, but you can pick up PGA Tour in minutes. The control method is delightfully concise, the gameplay intuitive, and while heathens may suggest that golf is a totally ridiculous pastime to play on a computer, PGA Tour remains one of the Amiga's most compelling and enduring games.

Thoroughly recommended.



PGA TOUR GOLF: What it lacks in gorgeous graphics PGA Tour Golf more than makes up for with compelling playability and instant addiction.

PGA TOUR GOLF: There's nothing quite as satisfying as chipping into the hole from the edge of the green. Well there is, but not in a golf game there isn't.

BEAU JOLLY COMPILATION

■ Beau Jolly ■ 01737 222003 ■ £34.99 ■ AF36 95%

C annon Fodder, The Settlers, The Chaos Engine and T2 – The Arcade Game. In one box. Not bad, eh? Cannon Fodder – brilliant war game. Little mouse-controlled men shooting other little men. The Chaos Engine – tremendous shoot-em-up, a remarkable two-player experience. The Settlers – very pretty settling-down-and-establishing-a-society-in-a-fantasy-sort-of-way affair. T2 – reasonable and darned taxing mouse-controlled out-and-out blast-em-up. A truly great compilation.



CANNON FODDER: Guide your little blokes through oodles of levels in this inspired war game.

THE CHAOS ENGINE: This tremendous shoot-em-up really comes into its own as a two-player game.

OPEN ALL HOURS

WELL, NEARLY!

9am-10pm Mon-Sat, 10am-6pm Sunday

SPECIAL OFFERS!!

IDE HARD DRIVES FOR A600/A1200

170 MB	£139
245 MB	£159
345 MR	£189

420 MB

INCLUDING FREE COLLECTION AND FITTING SERVICE IF REQUIRED. (THREE WORKING DAYS TURNAROUND)

A1200 RAM EXPANSIONS

2 MB £109-95 4 MB £174-95

INCLUDING BATTTERY BACKED CLOCKAND SOCKET FOR OPTIONAL FPU

PRINTERS & RIBBONS

Star LC100 Colour£129-00
Epson Stylus 400 inkjet£189.00
Epson Stylus 800 Inkjet£249.00
Epson Stylus Colour 720dpi£439.00
Seikosha SL96 24 Pin Col£160-00
HP310 Colour Ink Jet£229-00
HP310 + Auto Sheet Feeder£269.00
Printer Lead£3.99

WE STOCK A WIDE RANGE OF RIBBONS AT LOW PRICES – PLEASE CALL

LEADS & CABLES

Serial	£4.99
Null Modem	£5.99
Joystick Extender 3 metre	£3.99
Joystick/Mouse Extender	£3.99
Amiga to SCART	£7.99
Amiga to 1084S/8833	£7.99
Analog Joystick Adapter	£4.99
4 Player Adapter	£5.99
Parnet Cable	.£8.99

TRACTORFEED DISK LABELS

Now you can print your own professional disk labels!

500 Plain white disk labels on tractor feed,
complete with FOUR disks of software and artwork.

Yours for ONLY £9-95

1000 Labels with software ONLY £13-50

AMIGA HARDWARE

Microvitec 1438 Monitor	£289.00
Cubscan 1440 Multisync	£389.00
External Floppy + Virus Killer	£56-95
A500 Internal Floppy Drive	£45.00
A500 512k Ram exp + Clock	£19.99
A500 1.5 Meg Ram exp	£76.95
A500+ 1 Meg Ram exp	£29.00
A1200 2 Meg Ram exp + Clock	£109-95
A1200 4 Meg Ram exp + Clock	£169.00
A500/A600/A1200 Power Supply	£29.95
A600 1 Meg Ram Exp	£27.50
800 dpi Scanner	£99.95

THIS MONTHS SPECIALS

DISKS AND LABELS
GRADE A GRADE B

DSDD	26P	24P
DSHD	37P	32P

100 DD+ BOX ONLY £26



Fuji Branded

DSDD BOX OF 10 £3.20 DSHD BOX OF 10 £5.99

STORAGE BOXES

۱	Most types are available for 3.5" or 5.25"
	disks.
	10 capacity£0.95
	20 capacity£1.95
	40 capacity£2.99
	50 capacity£3.20
	100 capacity£3.40
	80 capacity Banx drawer£7.90
	150 capacity Posso drawer£15.95
	200 capacity drawer£11.95

VISIT OUR SHOP 9-30am - 5-30pm Mon - Sat, 9-00am - 1.00pm Thurs



MISCELLANEOUS

	75 TO 100
Mousehouse	£1.80
Mousemat 6mm thick	£1.00
Mousemat 9mm thick	£2.50
Amiga/Atari Mouse	
Diskdrive cleaner	
A500 Dustcover	
A600 Dustcover	
A1200 Dustcover	
Monitor Dustcover	
LC20 Dustcover	
LC100 Dustcover	
LC200 Dustcover	
LC24-200 Dustcover	
Roboshift	
Amiga Lightpen	
Optical Mouse	£32.00
Megamouse 400 DPI	£12.95
Alfadata Trackball	
Crystal Trackball	.£32.00
Zydek/Truedox Trackball	£25.95
Zyfi Amp/Speakers	
Zydek Pro Speakers	£49.00
80 Watt Speakers hi quality	£50.00
Action Replay Mk III	£56.95
Midi Master	£26.00
Tilt/Turn Monitor Stand	
2-piece Printer Stand	
Metal Printer Stand	
A4 Copyholder	
Metal Angle Poise Copy Holder	£14.95
Microperf Tractorfeed Paper:	
500 sheets	64.50
2000 sheets	L14.90
TOWATIONS	

JOYSTICKS

All joysticks hae autofire feature except those marked *.

Trigger Grip Models

Trigger Grip Models	
Quickshot Turbo	£6.95
Python 1M	£7.95
Jetfighter	
Topstar	
Sigma Ray	
Base Fire Button Models	
Maverick 1M	£12.95
Zipstick	
Comp Pro 5000*	£10.95
Comp Pro Extra	
Comp Pro Star	
Cruiser Multicolour*	£9.95
Advanced Gravis Black	
Comp Pro Star MINI	
Aviator 1 Flightoke	£22.95
Handheld Models	
Speedking	£10.50
Navigator	
Bug	
Dag	

ANALOG JOYSTICKS

These Joysticks will fit a	ny Amiga
Warrior 5	£14.95
Saitek Megagrip 3	£19.50
Speedking Analog	£13.95
Intruder 5	£25.50
Gravis Analog Pro	£39.00
Adapter to use any PC and on an Amiga	

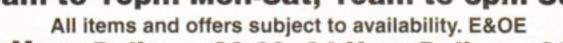
VISA

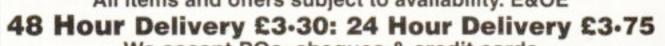


9am-10pm 7 days



9am to 10pm Mon-Sat, 10am to 6pm Sun





We accept POs, cheques & credit cards
Please write Cheque Card Number on cheque for instant clearance

BUSINESS AND EDUCATION ORDERS WELCOME All Prices inc VAT

AMCA PRODUCTS

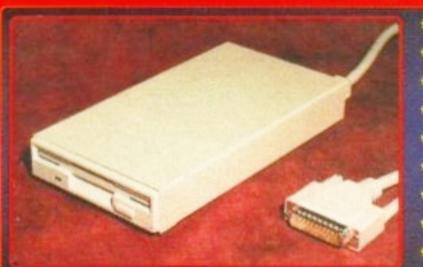


MONEY

BACK

GUARANTER

SALES HOTLINE 01322-272908



COMPATIBLE WITH ALL AMIGAS

HIGH QUALITY SONY® DRIVE

ROBUST METAL CASE

ANTI-CLICK AS STANDARD

SWITCHABLE ANTI-VIRUS

ENABLE/DISABLE SWITCH

LOW POWER CONSUMPTION

THRU PORT FOR EXTRA DRIVES

2 YEAR WARRANTY

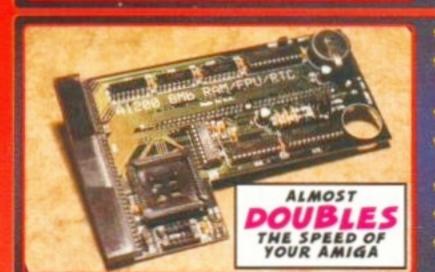
IMB FLOPPY DRIVE

FOR ALL AMIGAS



YEAR WARRANTY AMIGA 1MB

DRIVE **CODE: W100**



WORKS WITH ALL AMIGA 1200s AVAILABLE WITH 0. 2. 4. 8MB

OF 32-BIT RAM INSTALLED

USES STANDARD 72-PIN SIMMS OPTIONAL PLCC TYPE FPU

(FLOATING POINT UNIT) BATTERY BACKED CLOCK

INSTALLS IN MINUTES

FINGER CUT-OUT FOR EASY INSTALLATION

A1200 8MB RAM BOARD WITH CLOCK & OPTIONAL FPU

0-4MB IS PCMCIA COMPATIBLE (USE OVERDRIVE HD/GD AT THE SAME TIME) ZERO WAITE STATE DESIGN

2 YEAR WARRANTY

FREE

IK DELIVER

MONEY BACK SUARANTEE





W200 CODE W202 4MB CODE W204 8MB

CODE W208

CODE

CODE W504

CODE

W505



28.8K OR 14.4K BAUD V32, V22BIS, V22, V23, V21

APPROVED

BABT APPROVED
REQUIRED FOR USE ON A BT LINE

MNP 2-5 AND V42, V42BIS SYNG & ASYNG OPERATION

GROUP 1-3 FAX TO 14.4K

FULLY HAYES COMPATIBLE

MODE DESCRIPTIVE LEDS

2 YEAR WARRANTY

X-LINK TURBO MODEMS

ALL AMIGAS 14.4k

SUPPLIED WITH CABLE & S/W (N-COMM FOR AMIGA) GP FAX OPTION FOR JUST £35 SEND A RECEIVE FAXES DIRECTLY FROM YOUR AMIGA - NORMALLY £39.99 28.8k

BACK

GUARANTEE

MONEY

GP FAX - Amiga S/W Special price when bought with a modem

CODE W302

ALL AMIGAS



ULTRA SMOOTH 400DPI

RESOLUTION MIGRO-SWITCHED BUTTONS

AMIGA/ST SWITCHABLE

IDEAL REPLACEMENT FOR YOUR NORMAL AMIGA 260DPI MOUSE

BACK GUARANTE

MONEY

YEAR

WARRANTY

OPTICAL MOUSE

MICE & MATS

CODE W151 ULTRA SMOOTH QUALITY OPTICAL MECHANISM NO BALL TO CLEAN/REPLACE

MIGRO-SWITCHED BUTTONS GRID MOUSE MAT INCLUDED



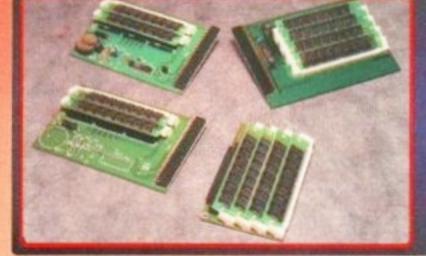
400DPI

CODE W150

HIGH QUALITY MOUSE MAT

CODE WISE AMIGA/ST SWITCHABLE

A500/600 RAM BOARDS



HIGH QUALITY - LOW PROFILE DESIGNS

LOW CHIP COUNT TO IMPROVE RELIABILITY

ALL BOARDS INSTALL IN MINUTES

2 YEAR WARRANTY

MONEY BACK GUARANTEE





A500 A500+ A600 £19.99 NO CLOCK

WITH CLOCK

DIR. OPUS 5

SIMPLY THE BEST FILE MANAGEMENT SYSTEM AVAILABLE ON THE AMIGA. **VERSION 5 - DUE LATE DECEMBER -**BREAKS NEW BARRIERS IN POWER FEATURES AND OPTIONS. CALL FOR VERSION 4 TO 5 UPGRADE DETAILS.

EASY LEDGER

FULLY INTERGRATED ACCOUNTS
SYSTEM WITH GENERAL LEDGER,
DEBTORS LEDGER, CREDITORS LEDGER,
STOCK CONTROL/PRICE BOOK & JOB
COSTINGS. IDEAL TO RUN A SMALL BUSINESS WITH AN AMIGA.
WB2+, 2MB AND HARD DISK REQUIRED.
AMIGA FORMAT GOLD - 94%

ALLOWS YOU TO SEND AND RECEIVE FAXES USING YOUR MODEM. EVEN ALLOWS YOU TO PRINT FROM YOU APPLICATION (FINAL WRITER, WORDWORTH, PAGESTREAM ETC.) DIRECTLY TO THE FAX DEVICE.

IF YOU HAVE GOT A HARD DISK YOU MUST GET THIS! IT ALLOWS YOU TO DEFINE SOME OF YOUR RAM AS A CACHE AND CAN INCREASE THE SPEED OF HARD DISK READING & WRITING BY UP TO 2200%. ALSO WORKS ON

QUITE SIMPLY THE BEST GRAPHICS PROGRAM ON THE AMIGA WITH HUNDREDS ON NEW FEATURES LIKE LIGHTNING BOLT GENERATORS IN VERSION 2! VERSION 1.5 AT A NEW LOW LOW PRICE.

VERSION 1.5 299-99

VERSION 2.0 2189-99

28 DAY MONEY BACK GUARANTEE If your not 100% satisfied with your purchase, you can return the product within 28 days of receipt for a refund.

Please send me the following (please quote the codes shown in advert). Product Code Description Price Name _____ Address Post Code _____ Phone No. ____

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.

BETWEEN 9AM AND 6PM, MONDAY TO FRIDAY, TO PAY BY ACCESS OR VISA. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE ORDER FORM TO - WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

WIZARD

PRODUCTS AT DOWN TO EARTH PRICES

OUR BUYING POWER ENSURES PRICES AND DELIVERY

WE PROVIDE PRODUCT SUPPORT

TRAINED STAFF TO PROVIDE THE OF SALES AND TECHNICAL SUPPORT

UK CARRIAGE ALL PRICES THE PRICES SHOWN ARE



VISA

All prices include VAT and carriage within the UK mainland. All products are subject to availability. E&OE. Advertised prices and specification may change without notice. Please allow 21 days for delivery - subject to stock availability. Please allows 7 working days for cheque clearance.



Sports Management



The Most Innovative Football Management Game Ever.

On the hardest level this very realistic simulation will test you to the limit. See if you've got what it takes to master the professional football league managers job using the most refined game available today.

In 1989 E.S.P. were the first company to create a commercial football management game solely dedicated to the 16 bit computers. Since then, we've been continuously devising new features with the direct consultation of hundreds of management game fans. This winning combination has created the most accurate representation of what football management is all about. Once you try it, you'll realise that the rest have merely been following our numerous leads in this field. It's impossible to do justice to the hundreds of meticulous refinements included in this game but you will find a large proportion of the most significant below:-

Managers: 1 to 4 Human players, Performance statistics, Manager of the month/season, Pick any team in any division to start with, Automated features to make the game as easy or hard as you like.

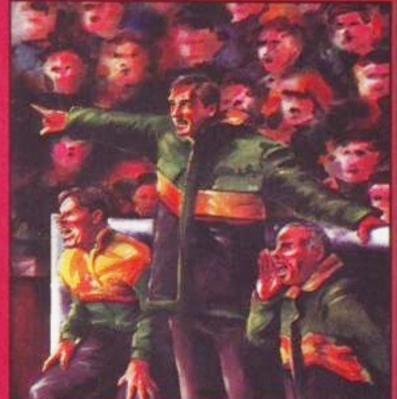
League & Cup: Premier 22 teams, Division 1,2 & 3 have 24 teams, Play-offs, Tables. 7 Cup competitions with precise rules [2 legs, extra time, away goal rule, seeded draws, European Cup tables, 5 subs, nondomestic player restrictions etc.)

Games: Yearly fixture/previous list, Week fixtures/results, Results from previous meeting with apponent, a plethora of statistics.

Players: Real life statistics for 94/95 season, updated monthly. Real positions, height, age. Live transfer market, Contract & wage negotiations, Preferred foot (left/right/both), Loans, Injuries, Training, Special talents, Trainees, Goalkeepers (separate skill categories), Defenders, Midfielders, Attackers & Utility, Retirements, Foreign transfers, Unhappy players, Top 10 Hot shots.

Team: Tactics (1000 different combinations), Training, Aggression, Formation allows specific player field settings (Winger, Sweeper etc.). Club: Sponsorship, Ground improvements, View apponent, Finances.

The Match: Real time scoreboard reporting goals & injuries yellow/red cards, Sound effects, Interventions permitted at any time to change tactics, formations and make subs. Physical graphical penalty participation (optional). Over 80 different referees. Other: Fast load/save, Printer access, Over 30 options to set various game preferences, User friendly throughout with an excellent instruction book. Personal technical support if required. SCOTTISH, ITALIAN & GERMAN VERSION 5's coming soon. Editor: Allows you to amend various items in saved games. Optional Extra.



Places now available in our 94 manager PBM service and a limited number of Play By Mail operator licenses. Call Us For Further Details.



THE PULSE Horse Racing Tipping System



If you want the best horse tipping software that money can buy, then THE PULSE is it. The whole package has been developed by a professional punter. A fact, instantly recognised by many other well informed buyers of this product. The advise contained within the instruction book alone could save you plenty of wasted bets and anyone serious about reducing their losses or increasing their gains could not find a better tool to assist their aim.

The mystic of horse racing is unlocked with the simple instructions, user friendly program and top class technical support. In the last Open National Tipping Competition (1991) arganised by Racecall this programs predictions came 2nd out of thousands of entries which led to a serious approach from a well know bookmaker, rejected in favour of supporting the public. A wide range of built in statistics make rating a race a quick and easy job, compared to other available systems. To keep the program constantly up-to-date monthly updates are recommended. If the general program guidelines fail to break even we send free updates to all entitled purchasers. Prices range from £25 to £40 depending the on length of subscription undertaken. • Specific details on some horses to follow, as recommended by a variety of inside sources is provided with each monthly update. • There's been many reviews in the press and under a variety of scrutinising conditions. All were very positive about the programs ability to perform well and a full summary of the developers results from main meetings since January 1993 is available upon request.

A fantastic graphical and/or tactical representation of Cricket that has been completely written by a traditional fan. You can physically participate with batting and/or bowling or leave it to the computer to automatically handle. See full feature list below:

PLAYER VARIETY

- Rated on 8 adjustable factors.
- Left and right handed players.
- Range of batting types. Editor to amend game stats.
- Bowler types include seam, swing, change and both types of spin with 8 speed levels.

GAME OPTIONS

- 1 Day limited overs or test. White or coloured clothing.
- Three Cricket grounds.
- Load/Save game, Skill levels. Computer/Human players.

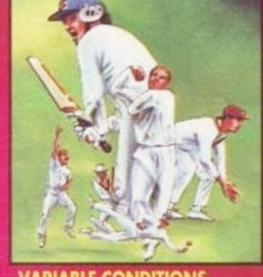
FRIENDLY CONTROLS

- . Icon driven with point & click.
- Large 3D scrolling screen covering the entire playing area.
- Mouse controls bowler's line, length, direction field settings.
- Joystick control of batsman's attack level, strokes and running between wickets...

STATISTICS

- Scorecard & bowling analysis.

- Weather and ground reports
- · Wagon Wheel
- Manhattan Chart.



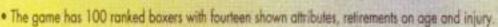
VARIABLE CONDITIONS

- Surface and pace of pitch
- Rain, bad light, cloud cover, temperature

ANIMATED ACTION

- Sound Commentary.
- Umpire signals.
- All the strokes cut, pull, drive, etc.
- Appeals, dropped catch, run outs.
- · Bouncers, wides and no balls.

A fabulous game which concentrates on the management of up to 3 Heavyweight boxers. It's quite different to most other management style games since it has a high proportion of interaction with computer controlled human personalities, ie. negotiations with other managers, boxer contracts, staff recruitment and publicity events. There are many other conventional tasks for the manager like scouting for new boxers, finance, training and even fight tactics are part of your responsibility: using full arcade action you can participate in your boxers' performance inside the ring itself or, if you prefer, direct them from the ringside. Two player mode available, Sparkling graphics are used throughout the game and full details on the games major concepts follows:-

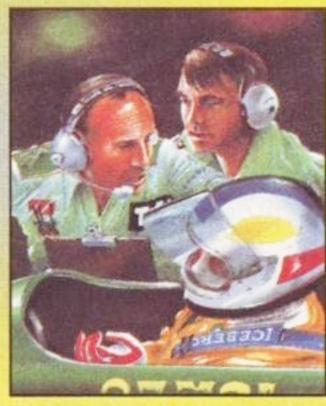


- Negotiate fight deals with twenty other boxing managers, arranging the size of the purse, the venue and the date etc.
- . Choose any one of ten publicity stunts to pull in the crowds to your fights: press conferences, television, public brawls etc.
- . You can appaint and fire a scaut, physio, cornerman and a trainer. Training methods include punchbags, speedball, weights, roadwork and sparring.
- . Your boxers can fight for World, European or National titles with mandatory defence. . The boxers performance in the ring is shown very graphically.
- . A variety of tactics can be utilised during a fight; i.e. punch to the head, the body, inside and numerous time-wasting tactics.
- . Fifteen ringside judges each have their own individual scorecards which are shown on the screen as the fight unfolds so that you can measure your fighter's performance. The reality of the fight is increased even more by the powerful sound effects of the crowds presence and the naise of the punches making contact.
- . A wealth of statistical data which can be viewed and printed and should cover every desire. Load and save facility. Comprehensive instruction book.

Formula 1 Challenge VERSION 4.5

This motor racing simulation is an incredibly addictive game for 1 to 4 players that has been developed over a period of years by true fans of the sport. You start the game with just one car & driver with the aim of building your team to win the drivers and constructors championship. All circuits, drivers, teams, car graphics, rules, engines etc., are accurate for the 1994 season and can be updated. Excellent presentation with full sounds effects. The sensational world of Formula One awaits.

- Watch races as they unfold, three levels of highlights.
- Crashes, spins, pile ups, car failures, stop/go penalties.
- Weather changes, fastest & record laps, make pit-stops.
- · Four independent levels of difficulty.
- Accurate and detailed graphics of the teams, circuits etc.
- 15 teams, 2 cars per team, 50 drivers with varying skills
- Complete engine and tyre contracts, sponsors.
- Choose tyre compounds, train your pit crew.
- Tune your engines, change wing settings.
- · Qualifying, 16 accurate championship circuits
- News section, realistic sound FX, weather forecasts.
- Load/save games, statistics saved, latest FISA rules.
- Full drivers and constructors championships.
- Fully descriptive instruction book.





24 HOUR CREDIT CARD HOTLINE

(01702)434600



48 HOUR DISPATCH

CHEQUE PAYMENTS

If you have a guarantee cheque card or credit card please write its number on the reverse of your cheque to ensure dispatch within 48 hours of receipt.

OUR ADDRESS -

ESP SOFTWARE DEPT AF PO BOX 557, Southend-on-Sea, Essex SS1 2NB. England. TEL. (01702) 434600 FAX. (01702) 613747

7	-	100	100	THE REAL PROPERTY.	_	_			
	L V	1 1	A		\cap	D		D	
				L	U	\mathbf{n}			
	To large	-	, desired			100	1110	100	

All the programs featured in this advert are available by direct mail.

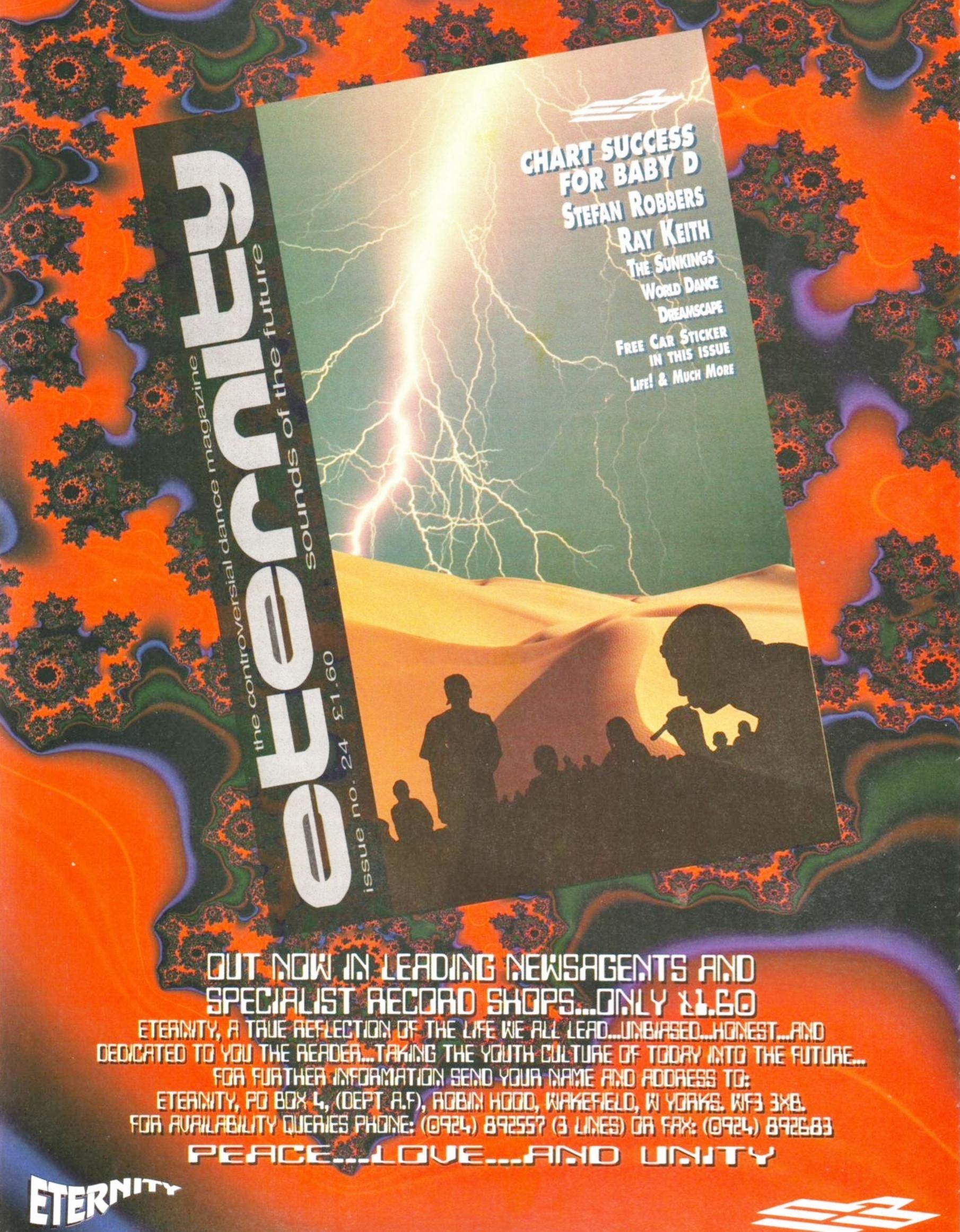
12	8	Z.				
STS	ST 1	AMIG	P.C.	DESCRIPTION A F	PRICE	TOTAL
				PROFESSIONAL FOOTBALL MASTERS 94	24.95	
				P.F.M. EDITOR	12.00	9.37
				THE PULSE - RACING SYSTEM	75.00	
	H			BOXING MASTERS	24.95	
				FORMULA 1 CHALLENGE V4	24.95	
	M			WORLD CUP CRICKET MASTERS	24.95	
	100					

CREDIT CARD NUMBER & EXPIRY E. & O. E. GRAND TOTAL

NAME TELEPHONE ADDRESS

POSTCODE

SPORTS RELATED PROGRAMS AND PROGRAMMERS WANTED



Stuck on the rollercoaster of life, trapped in a shooting gallery of emotions? Tough, we're playing *Theme Park*.

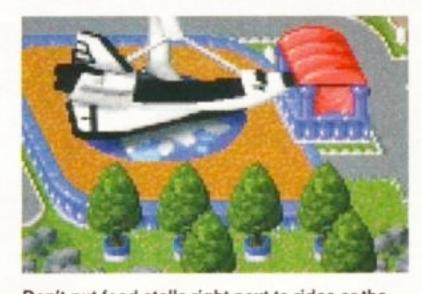
If you have a hint, tip or cheat you want to share with other Amiga gamers, write to: Stephen Bradley, GameBusters, Amiga Format, 30 Monmouth St, Bath BA1 2BW. And to save our typist's aching fingers, why not send your tips on disk?

Game Busters

THEME PARK AF63 91% EA (01753 549442)

Thanks to Paul Barrett
in Essex who wins a
£25 mail order voucher.

- 1. The £10,000 prize at the end of the year is important. Here's how you get it. On December 29, take out the biggest loan you can and you'll get the cash for being the richest. Then dispose of the loan.
- 2. Put a toilet near the exit this stops people going home just because they need the toilet.
- Pour money into research.Developing rides, staff training, getting a large warehouse and new shops are the most important.
- Listen to the advisor carefully, even if he becomes a real pain.



Don't put food stalls right next to rides or the park will be full of puking punters.

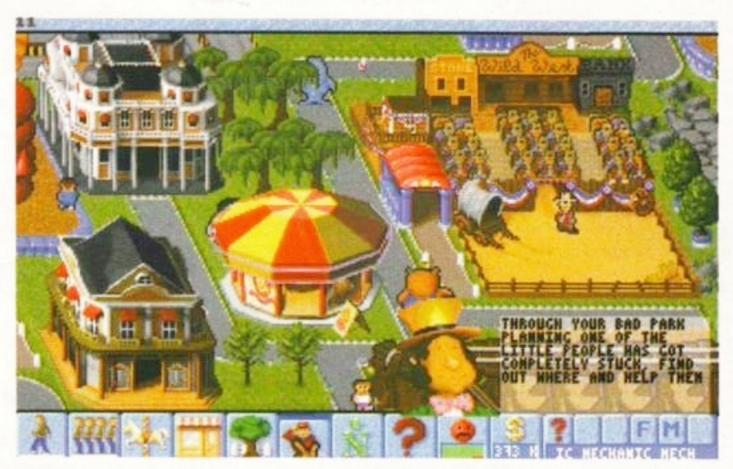
Chaos (honest!), Kent

Please help. I'm stuck on the excellent platformer *Kid* Chaos. Got any level codes?

- Don't increase your gate prices by more than 5 per cent a month or folk will complain vociferously.
- Squeeze rides into a small space this increases the park value.
- 7. When the queues get long, put some entertainers near them. If the queues get too long, increase the ride speed and decrease the time. S-shaped queues save space.
- 8. Put a security guard at the gate to stop spies from stealing your ideas.
- 9. Thugs can destroy your rides.
 Place a teddy man in front of the thug and when poor teddy bloke gets beaten up, the security man escorts said thug off site.
- 10. Create a path (with fences) and a nice lake and employ three handymen to keep the paths tidy.
- 11. Put shops near ride exits ensuring folk walk past them to earn more money. Employ a handyman for every two shops to keep litter down.
- 12. The longer and higher your rides are, the greater the chance of winning prizes at the end of the year. Put the popular rides at the front of the park.
- 13. Snake rides tend to be the most unreliable – they cost time and repair money. Have one mechanic for every

Banshee for a while now and although

it's brilliant, I could do with a hand. Any offers?



Planning your park wisely and keeping the punters happy is the key to success.

two rides – this minimises repair time. If a ride has smoke coming out of it, close it or it may explode. Don't wait for the mechanic to close it for you.

- 14. Buy the land at the earliest opportunity it could save you up to £40K per year. Pay off the loan as soon as you can to save on interest. Also, if you can, buy shares in your own company early in the game because it has huge benefits later on.
- 15. When your theme park is profitable and all the land is being used, sell up and move to New Zealand where everything is wonderfully cheap.

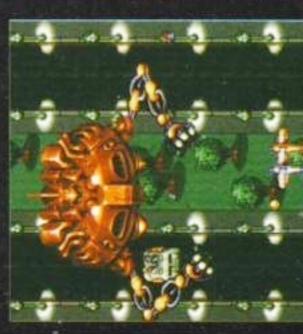
Continued overleaf ⇒



Snake rides are popular but erratic. Have a mechanic on call.

orks ghly 177 irn. ked, beniand

West York
You're quite right,
Banshee is a thoroughl
brilliant game. And
tricky too. But try this
cheat, Roger. When
you're on the title
screen, type in FLEV17
and then press.Return.
If the cheat has worked



that pun before. How about
that pun before. How about

Banshee - it's a whale. Doh!

I SPY, FOR THE KGB
I'm stuck at the end of the first chapter in keeps killing me - I know I have to knock

When Verto gets to the door, hide behind it and ther attack him immediately. Inspect the now (hopefully) unconscious Verto and take the blue piece of paper the camera on it, inspect the resulting photo and the the blue paper back onto Verto. Hotfoot it to Depart

HELPING HAND Leaking pipes? Call a plumber. Sc Yorkshire puddings? Consult a co But if you can't get past the bones

HOW TOORDER DELIVERY TARIFFS

Order by telephone quoting your credit card number. If paying by cheque please make payable to: "FIRST COMPUTER CENTRE"In any correspondence please quote a phone number, post code & Dept. Allow 5 working days cheque clearance

SHOWROOM ADDRESS: DEPT. AF, UNIT 3. ARMLEY PARK COURT, STANNINGLEY RD. LEEDS. LS122AE.



2% surcharge on Amex

Standard delivery £2.95

2-3 Week Days £4.95 Next Week Day

Delivery subject to stock All prices include VAT@17.5% Large showroom with parking

 Multi-million pound company Overseas orders welcome

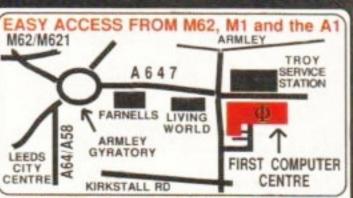
Educational purchase orders welcome

Prices are correct at the time of going to press. Please check our tatest prices before ordering. All sales are subject to our standard terms & conditions (copy available upon request). E&OE.

NEW LOW PRICES!

Telephone 0532 319444

24 HOUR MAIL ORDER SERVICE FAX: 0532 319191 NEW! BBS Modem sales & technical line Tel 0532 311422



te M1 follow signs for the M621. Take A643 Elland Rd turnoff fro ow signs for A58. This merges with Armley gyratory From the A1 take the turnoff for the A54. This merges with the A58 (by passing Leeds town centre) which meets the Armley gyratory.

AMIGA REPAIR CENTRE We offer a FREE quotation on your printers etc tariff of just

All our printers come with ribbon/toner, printer drivers (if available), paper & cables!!

NEW LOW anon

£184.99

Canon BJ10sx Laser quality output. Large buffer

Canon BJ200 £239.99 3 page a min speed, 360 dpl, small footprint & 80 page sheetleeder. BJ230wide carriage version of BJ200 only £364.99 Canon BJC600 Colour £449.99

new bubble jet from Canon BJ10 Autosheetfeeder £49.99

Canon BJC4000 Colour £419.99

COMPLITER PRINTERS Citizen printers have a 2 year guarantee

ABC Colour printer simple (as easy as ABC) to use 24 pin printer. Comes as standard with 50 sheet Auto sheet feeder. Tractor feed optional at £27,99 nly £134.99 if bought without the colour option Swift 200 Colour £181.99 Same out put as the 240 but with less facilities

£218.99 Swift 240 Colour 24 pin, 240cps draft, 10 fonts, quiet mode, 240cps. **NEW!** Projet II Colour £254.99 new inkjet printer with built in auto sheet feeder Swift Auto Sheet feeder EPSON £79.99

Epson LX300 Colour £149.99 9 Pin 80 column colour LQ150 Colour £209.99 24 Pin Draft 216cps, LQ79cps

Stylus 800 + £249.99 48 Nozzle inkjet 360 x 360 dpi (max) 100 sheet feede Stylus Colour Colour Inkjet, 360 x 360 dpi, 720 x 720 (on special paper) New Low HEWLETT

HPPrices! PACKARD HP 320 portable NEW! HP520 mono

£259.99 £304.99 HP 500 Colour NEW! HP 560 Colour £439.99 4 times faster than the HP500C!! All HP printers come with a 3

£234.99

ଛଞ୍ଜାନ≪

The NEW Star Range of dot matrix printers are here featuring a built in 55 sheet auto sheet feeder £114.99 Star LC90 9 pin mono £134.99 Star LC240 24 pin mono Star LC240C 24 pin Colour £149.99 Tractor Feed for the new range only £15.99

only £249.99 Star SJ144 Colour Stunning affordable colour printer, 3 PPM, low running costs

Disk labels 500 £6.99

Full colour kit

CONSUMABLES

QTY	DS/DD DISKS	Branded DS/DD
10	£4.49	€5.49
30	£12.99	£14.99
50	£20.99	£22.99
100	£37.99	£42.99
200	269.99	£79.99
500	£168.99	£190.99
1000	£324.99	£365,99
All disks a	re guaranteed 100%. All bra	nded disks come with labels

1000 £9.99

Ribbons Citizen Swift mono ribbon £4.99 Citizen Swift Colour ribbon £13.99 Star LC100 mono £3,69 Star LC200 mono £4.99 Star LC100 colour £7.99 Star LC200 colour £12.99 Star LC24-30 mono Star LC24-30/200 Colour £11.99 £11.99 Re-Ink Spray for mono ribbons COVERS Star LC10/20 cover

Citizen Swift/ABC £5.99 HP 500/550/510 25.99 Star LC24-300/30/100/200 £5.99 PREMIER Ink Refills

Single refills (22ml) £6.99 Twin refills (44ml) £12.99 Three colour kit (66ml) £19.99

(88ml)

£27.99 **Bulk refills** (125ml) £24.99 Cartridges Canon BJ10 cartridge £18.99 Double life 500 cartridges €24.99 HP550/500 Colour cartridge €24.99 Star SJ48 cartridge £18.99 Star SJ144 mono or colour (3 pack) £21,99

Miscellaneous Printer Switch Box 2 way £12,99 Printer Switch Box 3 way £17,99 Printer Stands (Universal) save on space £4.99 3 Metre printer cable £6.99 5 Metre printer cable £8.99 10 Metre printer cable

SupraFAXModem 288

Super fast! 28,800 bps + 14,400 Fax Phone for more details only £229.99

Supra Modem 144LC V.32 bis (14400 baud !)

Low cost version of the classic V32Bis Fax modern. Features as below but class 1 fax only and LED display

only £136.99

Supra modems are not BABT approved, however they perform as well & often out perform BABT approved modems. Supra Modems have a 5 year limited warranty

NEW! USR 288 Sportster features V34, 28,800 BPS, BABT approved £279.99

£104.99 Sportster 2496 + Fax £139.99 Sportster 14400 Fax £181.99 WorldPort2496+Fax WorldPort14400+Fax £205.99 Courier Dual Std V34Fax £428.99 Courier Dual Std Terbo Fax £369.99

Courier V32 Terbo Fax Modern cable for Sportster and Courier 59,99. If you thought V32bis was last try V34 (28,800 bps). They come with a 5 year warranty & are BABT Approved

VIPER 68030 TURBO only £149.99 68030 accelerator running at 28Mhz expandible to 8 Mb 32 Bit RAM (see RAM prices) Optional SCSI adaptor.

ADDITIONAL 32 BIT RAM Just add the price of 32 RAM in this advert to the Viper board to get your configuration price

SUPRA 28 ACCELERATOR for the A500/A500+& A1500/2000 28 Mhz, uses A500 side port so there is no internal fitting now only £127.99!

MONITORS

All our monitors are UK spec. All monitors come complete with a free Amiga lead*

Microvitec Autoscan1438



.28 dpi, 15/38 KHz, all Amiga modes, AGA compatible. No audio, tilt & swivell stand. only £289.99

NEW! Philips 8833 MK11
This famous Stereo, colour monitor is back. Complete with 12 month on site maintenance

only £234.99

tilt and swivell stand only £9.99 when purchased with monitor

MISCELLANEOUS

the state of the s	
Amiga 500/600/1200 PSU	£39.99
Amiga 500/500 Plus keyboards	£45.99
Amiga 500 Plus Motherboard	£29.99
Amiga 500 Plus cases	£12.99
QUALITY MOUSE MATS	£3.99
10 CAPACITY DISK BOX	20.99
20 CAPACITY DISK BOX	£2.99
40 CAP LOCKABLE DISK BOX	
100 CAP LOCKABLE DISK BOX	
*90 CAP STACKABLE BANX BOX	
*150 CAP STACKABLE POSSO BOX	
*add £3.00 delivery if purchasing just one Posso o	
Normal delivery when purchased with other p when buying 2 or more.	product or
AMIGA A500 DUST COVER	£3.99
AMIGA 600 COVER	£2.99

£6.99

£9.99

€4.99

£36.99

£29.99

£14.95

14" MONITOR DUSTCOVER

Keyboard Membrane Covers

AMIGA TO SCART CABLES

MODEM/NULL MODEM CABLES £9.99

AMIGA CONTROL STATIONS

STD 1.8 MTR PRINTER LEAD

A500 or 1200 VERSION

A600 VERSION

£12.99

only £169.99

This modern has full 14400 baud. includes V.32bis, V.32, V.22bis, V22, V21, MNP2-5, V.42, V42bis, Class 1 & 2 com-

mands, 9600/14400 Group 3 Fax. Includes free modern comms

Even faster than the standard 2400 from Supra with auto dial & auto receive. 9600 bps Hayes comp. V22Bis, V42 Bis, MNP 2-5 & auto adjust to maximise transmission speeds. Includes free modem comms (not Fax) s/w & cable.

Get on line using this great value fast modern with auto dial & receive. 2400 baud Hayes comp, V22 BIS. Includes free modern comms s/w & cable !

DISK DRIVES



AMITEC 1 mb 3.5" drive only £58.99

£99.99

£49.99

Cumana 3.5" £56.99 1 meg external drive. The best name in

disc drives £39.99 A600/1200 internal drive £39.99A500 internal drive

A4000 internal HD drive

SPECIAL OFFERS!

Distant Suns 5 Personal Paint V4 £29.99 Technosound Turbo £20.99 Technosound Turbo 2 £28.99 Wordworth 2 AGA with Print Mgr & Day To Day Planner 239.99

Workbench 2.1 software and ROM upgrade (complete with manuals) only £74.99

Roboshift automatic mouse/joystick switch only £13.99 or £16.99 with mouse emulation and rapid fire push on modules

PRIMA A500512kRAM (noclock) PRIMA A500 Plus 1 Mb RAM £34.99 PRIMA A600 1 Mb RAM (withclock) £39.99

32 BIT RAM (for A4000 etc) 239.99 1 Mb SIMM 2 Mb SIMM

66.663 4 Mb SIMM £149.99 £284.99 8 Mb SIMM

Copro's for use with A4000 & accelerators

SPEED	PLC	PGA
25 Mhz	£45.99	£49.99
33 Mhz	253.99	£89.99
50 Mhz	N/A	£137.99

1mb by 8/9 SIMMS (1 Mb)	£34.99
4 Mb by 9 SIMMS (4 Mb)	£144.99
1 Mb by 4 DRAMS(1Mb)	£39.99
1 Mb by 4 ZIPS(1/2 Mb)	£32.99
	(each) £5.99
	(each) £5.99
Kickstart 1.3	£23.99
Kickstart 2.04	£30.99
Kickstart 2.05 (for use in A60	
Fatter Agnes 8372A	£26.99
Super Denise	£18.99
6571-0326 Keyboard contro	
CIA 8520A I/O controller	£10.99

PRIMA CO-PRO & RAM Realise the full potential of your A1200 with this

trapdoor expansion, inc real time clock 1 MB RAM £91.99 2 MB RAM £139.99 4 MB RAM £194.99 8 MB RAM £339.99 2 MB & 33 MHz CO PRO £194.99 4 MB & 33 MHz CO PRO £244.99 8 MB & 33 MHz CO PRO 2389.99

Hard Drives

1200 with installation kit

60Mb....*£129.99 130Mb...*£169.99 80Mb....*£139.99 240Mb...*£249.99

with installation kit

inc. software, cables and instructions 260Mb....*£159.99 350Mb...*£219.99 420Mb....*£234.99 540Mb...*£269.99 720Mb..£359.99

3.5" H/drive upgrade kit no HD only £22.99 *Just Add £10.00 for fitting 2.5" drives or £35.00 for fitting 3.5" drives Bare 3.5" Hard Drives

CD ROM Drives

A1200 OVERDRIVE CD-ROM Now with Alien Breed, Project X, F17 Challenge, Qwak, Brutal Football

nternal SCSI CD-ROM drives for the A1500/2000/4000 (with suitable SCSI interface). All drives include driver s/w & will read CDTV/CD32 & PC ISO 9600 standard disks. External

NEC Multispin 2XI Internal £167.99 265Ms Access time •355KB transfer rate SONY CDU 561-25 £114.99

OSHIBA 3501B Quad Speed £254.9 385Ms Access time • 300KB transfer rate

Tandon IDE CD ROM Controller forusewith Mitsumi only £64.99 GVP A4008 SCSI controller £122.99 Oktagon ScSi controller £119.99

GENLOCKS

VHS VHSP SVHS SVHSP Video 8 Hill

The Professional answer £279.99 hama 292

S-Video, and composite compatible £688.99

Editor £185.99 GVP Genlock £289.99

features professional SVHS output £164.99

Rocgen Rockey £164.99 For creating special effects in video production with

SCANNERS

Alfa Scan only £114.99 nand held scanner with 256 greyscales and up to 800 Dpi 18 bit scanner with 256K colours inc colour correction only £329.99

Power Scanner V4£119.99 With the latest version 4 s/w for bright & sharp grey scale performance. Flexible scanned image display manipulation options, plus Clean up, embolden, resize & flip.

Colour version only £239.99 EPSON GT6500 Colour Flatbed

Art Department Pro Scanner software £99.99 compatible with Epson ES300C, ES600C, ES800C,

Graphics Tablet AWARDED AMIGA COMPUTING!

developed with the help of First Computers. 94% rated in Amiga Shopper August issue! Requires 2.04 WB or above only £59.99

The amazing new graphics tablet for the Amiga

Real time colour digitising from any video source. Full AGA support. Requires 12 Volt PSU......£12.99 VIDI 24 RT

24 bit quality real time colour digitising from any video source. Full AGA support. Regires 12 Volt VIDI 12 AGA

Full support for AGA chipset. Colour images captured in less than a second, mono images in real time with any video source. Multitasking s/w, cut & paste.

Alpha Data Mega Mouse £12.99 90% rating, 400 Dpi Zydec Trackball £29.99 Alfa Data Crystal Trackbail only £34.99

Stereo/Speaker Systems

Aerospace Deluxe £47.99 ZyFi Stereo System £33.99 ZyFi Pro Stereo System £57.99

SOFTWARE

MISCELLANEOUS

Distant Suns 5 MUSIC/SOUND

Deluxe Music Construction Set v2 £59.99 Pro Midi Interface by Microdeal Techno Sound Turbo 2 £28.99 £20.99

£47.99

£24.99

253.99

£51.99

£49.99

Tecno Sound Turbo **PROGRAMMING**

Amos Professional Amos Professional Compiler Bliz Basic 2

£50.99 PUBLIC DOMAIN Top 20 Amiga CD-ROM drives/utils (PDACD1) 2disk£3.50 Clipart 10 Pack (PDAC25) 1 disk,£12.50

(PDAC01) 1 disk.£1.50 Clipart Disk 1 (MacArt) (PDAC09) 1 disk,£1.50 Clipart Disk 9 (Garfield) (PDAC04) 1 disk.£1.50 Clipart Disk 4 (Food) Ami Base Pro v 1.8 (PDAC01) 1 disk,£1.50 (PDA033) 2 disk.£2.25 9 Fingers Demo (PDA005) 1 disk,£1,50 Edword Pro V4 (PDA006) 1 disk,£1.50 Easy Calc Plus (PDA013) 3 disk_£2.75 Klondyke AGA (PDA015) 1 disk £1.50 Mindwarp AGA Demo Motorola invaders AGA (PDA016) 2 disk £2.25 (PDA017) 1 disk_£1.50 Magic Workbench Utils PC Task Emulator (PDA019) 1 disk,£1.50 (PDA027) 1 disk.£1.50 Spectrum Emulator version 1.7 (PDA028) 1 disk,£1.50 Spectrum Games Disk. Fit Chicks AGA (PDA030) 2 disk £2.25 (PDA050) 1 disk.£1.50 Mega Ball AGA (PDA011)1 disk.£1.50 Relokick 1.3 (PDA031) 1 disk,£1,50 Andys WB 3 Utils First Fonts Disk 2

First Fonts Disk

(PDAF02) 1 disk,£2.50 (PDAF01) 1 disk,£2.50 UTILITIES

Directory Opus 4 GP FAX 2.3 software Xcopy Pro inc. hardware

£21.99 VIDEO AND GRAPHICS Deluxe Paint 4 AGA 239.99 Make Path for Vista 28.99

Vista Pro 3 (4Mb required) £29.99 WORD PROCESSING/DTP Final Writer DTP NEW! £72.99 Final Copy V2UK.. New Low Price! £48.99 Pagestream 3 U.K. version £249.99

Pro Page V4 £109.99 Protext 4.3 W/P £39.99 Wordworth 2 AGA Inc Print Mgr £34.99 Wordworth 3 £79.99

£5.00 is

ou can visit our showroom. We can so arrange a courier pickup at an dditional cost of £11.00.

2.5" Hard Drives for 600/

inc. software, cables and instructions

Seagate 3.5" Hard Drives

260Mb.....£135.99 350Mb.....£159.99 420Mb....£174.99 540Mb...£219.99 Full Selection of SCSI drive available £POA

only £229.99

kits for A3000 also available

internal acsi CD-ROM drive for 2000/4008

External version.£259.99

hama ON DEMO NOW!

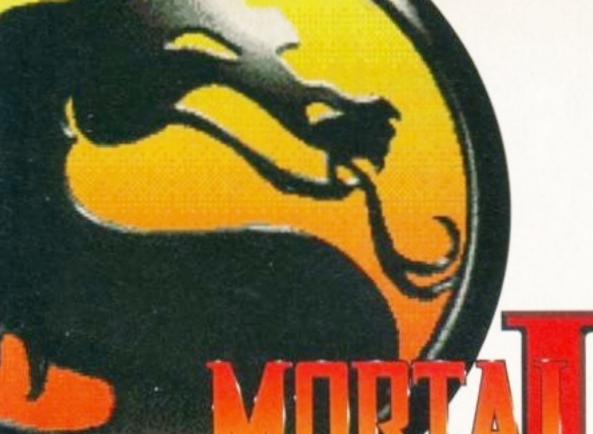
hama290 S-Video, and composite mixing, plus far more hama A-CUT Video

Rocgen Plus Includes dual control for overlay and keyhole effects, extra RGB pass thru. Check for compatibility Rendale 8802 FMC £164.99

add £25.00 for OCR software Alfa Data Alfa Colour Scan

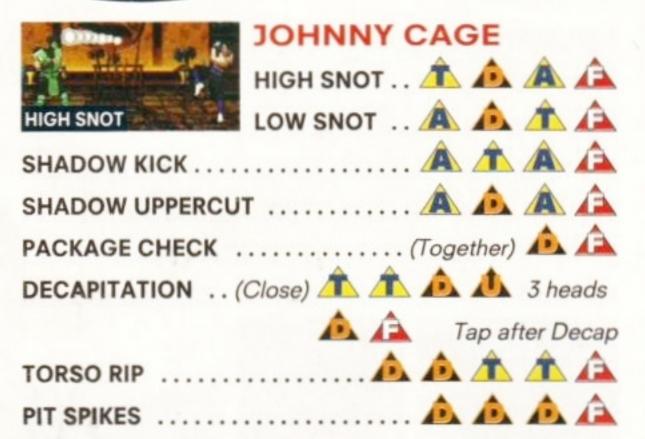
only £589.50 phone for details

GT6000, GT6500 & GT8000



Last month we reviewed *Mortal Kombat II* and included a profile of each of the characters in the game. What we didn't mention was how to achieve their special moves. So here are the fatality moves in all their gruesome gory. Users of two-button joysticks should use the punch key as the Fire button (F).

THE TOTAL TOTAL STATE OF THE PARTY OF THE PA



MORPH Block A Release

DIVE O' DEATH (2" away) (For 5 secs)

(Only able to morph into opponent)

Block 1 1

LIU KANG

STANDING FIREBALL
CROUCH FIREBALL
FLYING KICK
BICYCLE KICK (For 5 secs)
DRAGON 🛕 🛕 🛕 🛕 (Close)
WHEEL Block 🗥 🛝 🗥 Release Fire
PIT SPIKES





REPTILE

ACID SPIT
ORB
SLIDE Block A A
INVISIBILITY Block 🛝 🛝 Release 🛕
INVISIBLE KILL (Close and invisible) 🛕 🛕 🛕
TONGUE (Half screen away) 🛕 🛕 🛕
PIT SPIKES 🛕 🛕 🛕



BEE BAW BABALITY

The AF games team didn't manage to pull off all of the babality and friendship moves before we had to reluctantly go to press.

Therefore, we thought it would be a good idea if we offered a prize for the first person to fill us in.

If you can, send in some photographic evidence. Tell us what you did or didn't do (hint) to pull off the moves.

The winner will receive three games of their choice from the top 30.

Send your entries to Mortal Kombat II Moves, GameBusters, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW.



Sub Zero's chilly Ground Freeze move has stopped Reptile in his tracks. Literally.

SCORPION

2 SKULLS

SHANG TSUNG

2 SKULLS

1 SKULL

3 SKULLS

PIT SPIKES

SOUL SUCK

SPEAR
DECOY
SCISSOR KICK 🛕 🛕 🛕
AIR THROW (Close, both in air) (Top of jump)
SPEAR SWIPE (Close)
TOASTY TORCH HIM . (At 3") Block (A)
Polono A





BARAKA

DOUBLE KICK(Close) 🛕 🛕
BLADE SWIPE (Together) 🛕 🛕
BLADE FURY 🛕 🛕 🛕
BLUE SPARK 🛕 🛕
DECAPITATION (Close) block A Rel.
IMPALING (Close) 🗥 🗥 🗘
PIT SPIKES 🛕 🛕 🛕





KEY







TOWARDS









LETHAL COMBINATIONS

One of the maxims firmly stated by Acclaim that AF finds a bit hard to swallow (if they are right it means we must be doing something wrong), is their claim that every fighter in Mortal Kombat II has a natural winning and defensive combination against every other fighter.

We find that a bit hard, though not impossible, to believe. For example, whenever we played with Kitana or Mileena and took on Jax, Kitana and Mileena were so much faster than poor old Jax that he ended up getting his head kicked in every time and had to go home in a Yorkshire ambulance.

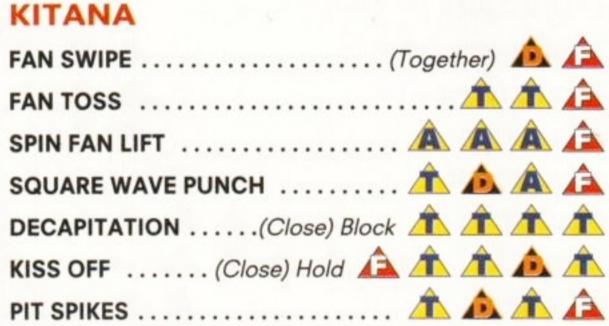
In our book, that's just not fair. So, to even things up a bit, we're asking you to send in various combinations of moves that work against other characters.

The best ones will get published and your altruistic gesture will be noted for evermore in the annals of the mightiest Amiga magazine ever to be published in the history of the Terran Empire.

Send your entries to Mortal Kombat II Combinations, GameBusters, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW.



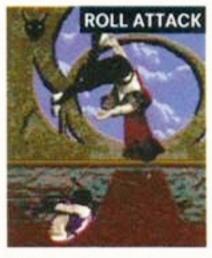
Kung Lao's deadly Aerial Kick has caught Johnny Cage unawares.



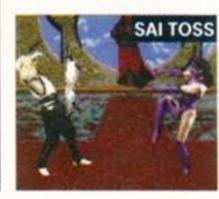


MILEENA

TELEPORT KICK
ROLL ATTACK 🛕 🛕 🛕
SAI TOSS (For 2 secs)
PSYCHO STAB (Close) 🛕 🛕 🛕
SUCKA (Close) Block 3 secs
PIT SPIKES 🛕 🛕 🛝



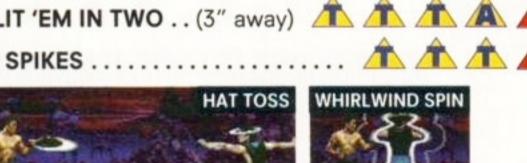




KUNG LAO

FAN SWIPE

TELEPORT 🛕 🥼
HAT TOSS 🛕 🗥 🛕
WHIRLWIND SPIN Block 🛕 🛕
AERIAL KICK (At peak of jump)
HAT DECAPITATION (Retreat to edge) 🛕 (For
2 secs) direct using 🛕 🛝
SPLIT 'EM IN TWO (3" away) 🗥 🗥 🗥 🗥
PIT SPIKES 🛕 🛕 🛕



JAX

EARTHQUAKE PUNCH (For 3 secs)
GOTCHA GRAB
ENERGY WAVE 🛕 🛕 🛕
BACK BREAKER (Close, both in air)
(At peak of jump)
HEAD CLAP(Close) A A A
ARM RIP (4" away) block A A A A
PIT SPIKES Block A Release







UP

KEY



TOWARDS



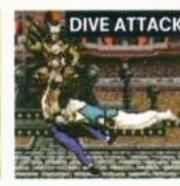




RAYDEN

KATDEN
LIGHTNING TOSS 🛕 🍂
DIVE ATTACK
TELEPORT 🛕 🛝
SHOCKER (Two-player only) (For 2 secs)
SUPER SHOCKER (Close) Block 🛕 🛕 🛕
SUPER PUNCH (Close) (For 3-4 secs)
PIT SPIKES Block A Release
DIVE ATTACK







SLIB 7FRO

SUB ZERU
FREEZE
FLOOR ICE
SLIDE Block
PITCH O' DOOM (Long range) 🛕 🛕 🛕
Hold 🛕
SUPER FREEZER 🛕 🛕 🛕
SHATTER
PIT SPIKES 🛕 🛕 🛕







POWERSCAN 4



Produce 256 greyscale images (on a AGA machine), scan in 64 greyscales (non AGA Amiga can only display 16), add colour to greyscale images, special effects, new support for 18-bit scanner, add text to scans. A1200/600 version available.

POWERSCAN 4	£119
POWERSCAN 4 OCR	£139
SCAN INTERFACE	£50
POWERSCAN 4 S/W	£20
OCR SOFTWARE	£49

EPSON SCANNER

The GT-6500 and GT-8000 24-bit colour flatbed scanners from Epson scan up to A4 in size, with output resolutions of up to 1200DPI on the GT-6500 and 1600DPI on the GT-8000 in 16.7 million colours, greyscale or line art. New Epson GT-9000 scanner available now, price on application.

GT-6500	POWERSCAN	£599
GT-6500	MAGE FX	£689
GT-8000	POWERSCAN	£849
GT-8000	MAGE FX	£929
DOCUME	NT FEEDER	£399

COLOURSCAN

The new 18-bit colour handscanner produces stunning colours with clarity and verve, brightening up those presentations. With over 250,000 colours and award winning PowerScan software, anything is possible!

Colour and mono software Full colour manipulation Up to 400DPI 256 greyscale (AGA machine) 18-bit colour (AGA machine) OCR optional extra

COLOUR POWERSCAN £239

CARDCAM VIDEOIN

CardCam - VideoIn is a a video capture card for PCMCIA equipped computers. Capture still or moving images in full 24-bit colour. Compatible with both Composite or S-Video input devices. Virtually any video input device - CamCorder, VCR, Television, Laser Disc player and Security Camera. Features include:

Video still capture in 24-bit, 640 x 480 Motion video capture at 15fps at 320 x 240 Software switchable NTSC and PAL

CARDCAM VIDEOIN £329

OPTICAL DRIVE

Power award winning 128MB optical disk drive

128MB	OPTICAL INT.	£639
230 MB	OPTICAL INT.	£799
128MB	OPTICAL DISK	£29
SCSLC	ONTROLLER	£120

SYQUEST DRIVE

Removable storage systems from Syquest.

3.5"	IDE INTERNAL	£399
3.5"	IDE EXTERNAL	£499
3.5"	105MB CART.	£79
3.5"	SCSI VERSIONS	£POA

TANDEM CD-DE



For the Amiga | 500/2000/3000/4000 Supports Mitsuma CD-ROM drive Supports Syquest 3.5" drives Supports IDE hard drives Play audio CD utility Requires Kickstart 2.04 and above Includes cable, software and manual

TANDEM CD-DE CARD	£69
CD-DE A1200 CARD	£69
CD-DE CARD, CD-ROM	£229
MITSUMA CD-ROM	£169

DISKEXPANDER

Disk Expander includes the following features:

Can add 50% to your hard drive capacity Fast compression and decompression Reliable in tests- no data corruption Works with all drives, SCSI, IDE, Floppy, etc. Works on any Amiga and any Kickstart Once installed the program is transparent to the user

DISK EXPANDER

FLOPPY EXPANDER

£35

Floppy expander allows you to fit about 1.5MB on a standard floppy drive and an amazing 3MB when used in conjunction with the XL Drive 1.76MB. This is achieved by compressing data 30 - 70% of its original size. All this happens automatically.

FLOPPY EXPANDER £9.95

ACEEX MODEM



External Fax and Data modem Receive and send faxes in the background Full Haynes AT command set supported Supports class 1, 2, and 3 fax commands Fax send and receive

Auto dial and auto answer Supports error correction and detection Leased line support

All cables and manuals supplied

ACCEX MODEM v32bis £169 ACCEX v32 TRAPFAX £199

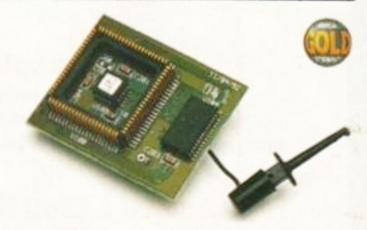
MISCELLANEOUS

MIDI	INTERF	ACE	£19.95
VGA	ADAPTO	R	£15

£15

PSU FOR HARD DRIVES £39

MEGACHIP



Increase your Amiga 500/2000 chip RAM to a total of 2MB. MegaChip does this by using its own IMB of RAM and drawing extra memory from any other RAM you have installed in your Amiga. No soldering is required.

MEGACHIP RAM £159

MEMORY

We manufacture a vast range of memory cards for all the Amiga range of computers. Please telephone us for prices and availability.

WARPENGINE

The high speed 040 board which installs directly into the CPU slot, not a Zorro III slot!

WARP ENGINE 28MHz £799 WARP ENGINE 40MHz £1199

WORKBENCH 2.1/3.1

Release 2.1/3.1, including 2.1/3.1 software and user guide manuals.

2.1 ENHANCER	£69
ROM SHARE INC. 2.04	£99
2.04 ROM CHIP	£29
3.1 A500/A2000 £	84.95
3.1 A3000/A4000 £	94.95

PREMIER VISION

You've heard how the Amiga has made TV programmes possible such as Star Trek-TNG. We offer a wide range of services, including: monthly events on multimedia, design and install complete systems, training, CD-ROM mastering and duplication.

CALL 071 721 7050

AWARD winning PRODUCTS

44a/b Stanley St. Bedford MK41 7RW



elephone 0234 273000

acsimile 0234 352207

Cheques payable to Power Computing Ltd.

Name

Address

Postcode

System owned

Telephone

Description

Cheque/PO for £

allow upto 7 days to clear

Credit card No.

Expiry date Sign

FORMAT PRESENTS

These specially-created Amiga Format tutorial videos show you how to get the most out of your machine. And each one costs just £14.99 each.

An Introduction to the A1200

The AF experts show you how powerful and versatile the A1200 is with the best advice and tutorials on all aspects of the machine.

Guide to A1200 Hard Drives

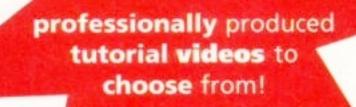
Buying a hard drive opens up a whole new world of Amiga use. We tell you how to choose, install and take care of your drive.

The Guide to Upgrading Your Machine

As you begin to realise the full potential of your Amiga, you'll want to make it even bigger and faster – we show you how.

Get the most out of Music-X

Music-X is one of the most powerful sequencers for the Amiga. With our advice and in-depth tutorials you can really get in tune with this excellent package.



Get the most out of Personal Paint

To get the most out of Cloanto's outstanding package, you need to know about bitmaps, brushes and more. We explain all.

The Guide to Multimedia

Handling multimedia applications is one of the Amiga's greatest strengths. We reveal everything you need to know.

Get the most out of Desktop Video (Beginners)

Expert tips on how to set up a home video system with your Amiga at its heart. Contains tutorials, buying advice and much, much more.



Get the most out of Desktop Video (Advanced)

Expand your knowledge of DTV as

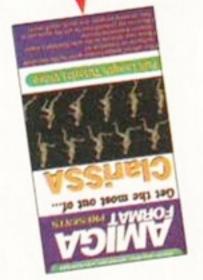
we give you the low-down on digitisers, image processors and 24-bit graphics cards.

Get the most out of ClariSSA

We reveal how you can bring your art to life with ClariSSA's Super Smooth Animation facility and colour effects.



Credit Card no



Save £10

Buy any 3 videos for £34.95

AMIGA FORMAT VIDEO OFFER FORM

Please send me (tick as appropriate)

Get the most out of Personal Paint AF0001 £14.99 An Introduction to the A1200 AF0002 £14.99 Guide to A1200 Hard Drives AF0003 £14.99 ☐ The Guide to Upgrading Your Machine AF0004 £14.99 ☐ Get the most out of Music-X £14.99 AF0005 The Guide to Multimedia AF0006 £14.99 £14.99 Desktop Video (Beginners) AF0007 Desktop Video (Advanced) £14.99 AF0008 Get the most out of ClariSSA £14.99 AF0009

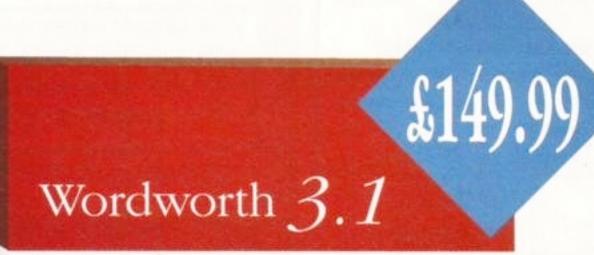
* Save £10! Buy three Amiga Format videos for £34.95!

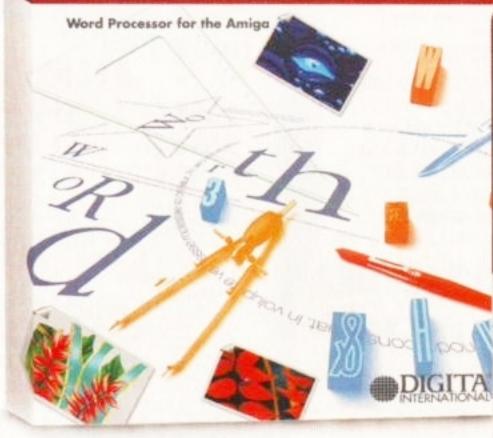
SEND THIS FORM TO: Amiga Format Videos,
Future Publishing Limited,
FREEPOST (BS4900),
Somerton, Somerset TA11 6BR.

DO NOT SEND CASH, USE METHOD OF PAYMENTS LISTED ON THIS COUPON

AF

Wordworth





Wordworth 3.1 se



£49.99 including VAT and postage, is a small price

to pay for any word processor.

What's even more amazing is that this isn't any ordinary word processor.

This is Wordworth, the most popular Amiga word processor in the world.

SE stands for Special Edition. Based on Wordworth 3.1 technology, this version omits Wordworth's most advanced features. Which means that Wordworth

3.1 SE runs like lightning, even on the the most basic Amiga A1200 with just 2MB RAM and one disk drive.

For more information call 01 395 270 273 or write to Digita,®

FREEPOST, Exmouth EX8 2YZ.

So, now everybody can find out for themselves why Wordworth is used by more people than any other Amiga word processor in the world, bar none.



Digita International Limited,
Black Horse House, Exmouth EX8 1JL
Telephone: 01 395 270 273, Facsimile: 01 395 268 893

AMIGA 1200 HARD DRIVES

80MEG only SAVE £20 £159.99 only £199.99 210MEG SAVE £35 only 280MEG SAVE £50 £229.99 only £249.99 340MEG SAVE £50 only £269.99 420MEG SAVE £80 £294.99 540MEG SAVE £15 only

NOTHING ELSE NEEDED

- * FORMATTED & PARTITIONED DRIVE
- * HD PREP SOFTWARE SUPPLIED
- * ALL OUR DRIVES FIT INTERNALLY WITH NO MODS TO CASE OR FLOPPY DRIVE.
- * FULL WORKBENCH INSTALLED.
- * 12 MONTHS WARRANTY.
- * JUST SWITCH -ON & GO.
- * ONLY REPUTABLE MAKES of DRIVE USED.
- * 1000: FITTED IN LAST 12 MONTHS
- * BACKED BY OUR EXPERIENCED HARD DRIVE TECHNICIANS

All drives sizes quoted are approximate unformatted size, & vary slighly depending upon make. SAVINGS ABOVE ARE COMPARED TO AUGUST 1994 ADVERTISED PRICES.

FITTING INVALIDATES YOUR COMMODORE WARRANTY - for Extended warranties check with the warrantor - they will usually continue to cover just the machine since we cover the drive (for 12months).



FREE FITTING

- just give us a call to arrrange a convenient time.

NOT LOCAL 7

FREE COLLECTION, FITTING

(ON DRIVES OVER 200MEGS) Just phone to arrange collection by insured carrier & leave the rest to us.

DRIVE CABLES

2.5" DRIVES £12.99 3.5" DRIVES £39.99 instructions.

ALL OUR DRIVES ARE SUPPLIED COMPLETE WITH ALL CABLES & INSTRUCTIONS & ARE FORMATTED, AND HAVE FULL WORKBENCH INSTALLED.

ACCELERATORS

LOWER PRICES

GVP A1230

with 68882 socket for optional las two 32bit simms skts &

No fpu & 0meg 1MEG no FPU

£224.99 £244.99 £299.99

50MHz 68030

£294.99 No fpu & 0meg 1MEG no FPU £314.99 £449.99 4MEG no FPU SCSI -2 MODULE £57.99

PERIPHERALS

FLOPPY DRIVE ONLY £56.99

ANTI VIRUS, ANTI CLICK, DISABLE SWITCH, THRU PORT, STEEL CASE, FOR ALL AMIGAS. 2YR WARRANTY.

> MICROVITEC 1438 14" MULTISCAN £292.99

PHILIPS CM8833 MK11 14" SCREEN, RGB & COMPOSITE VIDEO INPUTS, STEREO SOUND, £229.99

GVP GENLOCK £269.99 COMPOSITE OR S-VIDEO INPUT/OUTPUT

ZYDEC B/W AMIGA HAND SCANNER £109.99

GVP EGS SPECTRUM £339.99

ASDG SCANNER SOFTWARE £109.99

	ACDC DEC COMPECT FEG 00	
1	ASDG PRO CONTROL £59.99	
	ART DEPT PRO AGA 2.5 £149.99	
1	BRILLIANCE 2£173.99	A
ı	CALLIGARI£59.99	8
ı	CYGNUS ED	C
ı	DEVPAC 3	E
ı	DIRECTORY OPUS V4£54.99	G
1	GIGAMEM£54.9	-
ı	HANNA BARBERAS ANIMATION £34.99	P
	HYPERCACHE	S
	HISPEED PASCAL	S
ı	HISOFT BASIC 2	\$
ı	MAILSHOT PLUS	T
1	MONTAGE 24	Ť
•	MORPH +	ù
	MINIOFFICE	۳
	PAGESTREAM 3	
	PC TASK	
1	QUARTERBACK 6	
1	OUR SPESSARY MODIC BELLINE 460 66	
ı	QUARTERBACK TOOLS DELUXE £69.99	
ı	REAL 3D PROFESSIONAL V2 £349.99	
1	SCALA MM210£119.99	
	SCALA MM300	
1	SUPERBASE PROFESSIONAL 4 £239.99	
	VISTA PRO 3	

BARGAIN BASEMENT

9	ONLY £34.99
99	FOR A500 & A500+
9	AT ONCE CLASSIC 286 PC CARD
9	TEKNO AMIGA
-	TYPESMITH
9	SYNTHIA PRO£49.99
	SCENERY ANIMATOR £49.99
	SEQUENCER ONE£19.99
0	PRO VIDEO PLUS £44.99
9	GALLERY£24.99
9 9	EXPERT 4D JNR£27.99
	CLARISSA £44.99
9	BRILLIANCE £69.99
99	ADORAGE £66.99

CHAOS GAMES PACK £19.99 SYNDICATE, CHAOS ENGINE, PINBALL DREAMS & STRIKER FOR A1200 & 4000 ONLY

ASTRA 10 GAMES PACK FOR A500/500+/600 £14.99 WHILE U WAIT

& DELIVERY

3-4DAY TURNAROUND

inc power cable & fitting

PLEASE NOTE.

MK 2

40MHz 68030ec

expansion connector for SCSI

4MEG no FPU

GVP A1230 MK2

TV MODULATOR (exchange)£19.99 L520 TV MODULATOR - NEW £29.99 A500/600/1200 POWER PACK ... £49.99 PRINTER PORT EXPANDERS - switchable to your Amiga's Parallel port.

4way inc connecting cable .. £29.99

2way inc connecting cable .. £24.99 3way inc connecting cable .. £27.99

SEAL n TYPE KEYBOARD SKINS

units for connecting several devices Waterproof membranes which seal your keyboard against dirt & moisture ingress but don't hinder typing. State Amiga model when ordering. FOR All AMIGAS ONLY £12.99

AMIGA DUST COVERS STATE MODEL 64.99 PRINTER 6 MONITOR COVERS 66.99

PRINTERS

CITIZEN PROJET II INJKET £209.99

CITIZEN PROJET II COLOUR INJKET £279.99

> CITIZEN ABC 24 PIN MONO £149.99

CITIZEN ABC 24PIN COLOUR £169.99 OPTIONAL ABCTRACTOR FEED £37.99

HP DESKJET 560C COLOUR **INKJET £445.33**

EPSON STYLUS 800 MONO INKJET £259.99

EPSON STYLUS COLOUR INKJET £468.83 (Amazing 720dpi capability)

STAR WINTYPE 4000 LASER PRINTER only £422.99 (Not Amiga compatible)

Also available: PRINTER PAPER, LABELS, TEE SHIRT TRANSFER PAPER, RIBBONS, INKJET REFILLS, STANDS, PRINTER SHARERS AND CABLES

UNIT 1, 253 NEW WORKS RD, BRADFORD, BD12 0QP

FAX 01274 600150

CALLERS WELCOME

PAY BY ACCESS, VISA, SWITCH, DELTA, CONNECT CARDS. CHEQUES PAYABLE TO TRILOGIC PLEASE. ADD P&P - £1.00 to orders under 1kg. 48hr delivery £5.50; Overnight

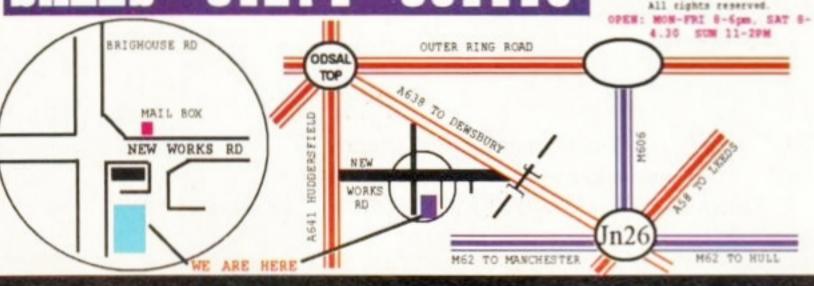
£7.50 Uk Mainland only. N.IRELAND. £12.00; EIRE +£20 UK Saturday delivery £14 All orders are accepted subject to our standard Terms of Business. 2% SURCHARDE ON SOME ITEMS PAID FOR ON ACCESS OR VISA - NO SURCHARGE FOR SWITCH, DELTA OR CONNECT CARDS. 4%

SURCHARGE ON AMEX. ALL PRICES ACCESS VISA SWITCH DELTA CONNECT AMEX

INCLUDE VAT PC prices + vat

OPEN 7 DAYS

PRICES WERE CORRECT AS OF 20-11-94 E40E. (C) TRILOGIC 1994 All rights reserved.



INSTANT CREDIT for

personal callers

Example 1.

A1200 UPGRADE PACK

420MEG HD + GVP A1230 MK2 WITH 4MEG - from under 70p PER DAY Cash price £568.99. Deposit £68.99, 36 monthly payments of £21.23.apr 34.4%

Example 2.

A PC FROM £1.00 PER DAY

ATLAS SX25BS PC; Deposit £62.58+ 36monthly payments of £29.72; APR34.4%

PLEASE CONTACT US WHATEVER YOUR REQUIREMENTS

With or without deposit, from 1 to 5 years to pay.

Liseased Credit broker.

Full writtes dectile upon request

Credit facilities available to personal callers only, private & business users, over 25, in full time employment & subject to status. Repaid by monthly direct debit.

32BIT RAM CARDS

LOWER PRICES

A1200 32BIT

1MEG £99.99 2MEG £129.99 4MEG £189.99 8MEG £329.99

BATTERY BACKED ON-BOARD CLOCK & FPU SOCKET

Made by Amitek WITH OPTIONAL 68882 FPU. 20MHZ FPU ADD £49.00 25MHZ FPU ADD £59.00 33MHZ FPU ADD £69.00

40MHZ FPU ADD £99.00

ATLAS PCs FROM UNDER £1 PER DAY



ATLAS MULTI-MEDIA PC:

PANASONIC DUAL SPEED CD ROM SOUNDBLASTER 16 STEREO SOUND CARD + TWIN SPEAKERS.

TLAS 486DX33MM 4MEG, 420MEG HD, ONLY £1049 ATLAS 486DX2-66MM

4MEG, 420MEG HD, ONLY £1149

THER FEATURES: FAST VL HD controller; VL Imeg Windows accelerator upgradable to 2 megs; 3.5" floppy; 14" Svga colour monitor; desktop or minitower case: 102key keyboard, quality PC mouse. Software installed (disks & manuals supplied) and fully configured ready for use 12 MONTHS WARRANTY.

ATLAS STANDARD PCs

ATLAS 486SX25 from only £649 ATLAS 486DX33 from only £799 ATLAS 486DX2-66 from only £899 All include 4MEG RAM; 340M HD (270M on SX25) 1Meg VGA card (512k on SX25); 14" Svga VGA colour monitor; Dos 6.22 & Windows 3.11+

ATLAS OPTIONS:

1) MICROSOFT WORKS V3 for WINDOWS (w/ processor/spreadsheet/database etc. add £49 2) MS WORKS + MS PUBLISHER + MS MONEY + MS GOLF add £99

(Microsoft Publisher needs 8megs min)

3)WORDPERFECT V6.0A for WINDOWS+ QUATTRO PRO + PRESENTATION 2 add £149 4) LOTUS SMARTSUITE inc 1-2-3; Ami Pro; Freelance Graphics; Organiser; Mail & Approach (CD version) MICROSOFT OFFICE V4.3 inc Word 6.0; Excell; Powerpoint; Access; Mail + Soundblaster 16ASP; + ENCARTA etc add £350 6) 4MEG RAM add £110 7) 15" MONITOR add £85 8) 17" MONITOR

add £280

Option 3,4,5 applies to Multi-media PCs only (CD) ALL PC PRICES SUBJECT TO VAT

PENTIUM PCs FROM

These options only available when purchasing a PC.

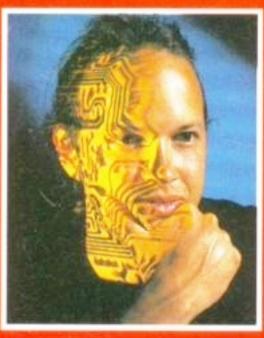
£1299+vat

Unnamed: 328x268

Groundbreaking stuff from Photogenics, the hottest art software for a long time. Check out the authoritive preview on page 99.

Niko

ART OF THE MATTER



We don't normally have software previews in Amiga Format, but we had to break with tradition to give you a taste of the best piece of software we've seen in a long time. Photogenics is really revolutionary stuff, so check it out on page 99. Hopefully we'll be able to bring you the full Amiga Format, no-nonsense review next month.

In the meantime you'll have to console yourself with this month's latest reviews, including the rather interesting V-Lab Motion — a real-time JPEG video capture and playback system. We're also sounding out a 16-bit samplers, genlock, magneto optial drive and the rather excellent Wordworth 3.1 SE.

For those of you still trying to come up with the perfect present for that difficult uncle or aunty - put away the sticky-backed plastic and have a look through our special stocking fillers round-up on page 126.

NICK VEITCH

REVIEWS

V-LA	- 3	37.7	OT	ION

102 Record, edit and generally muck about with video with this card which offers 25fps capture and playback at half the price of the PAR.

WORDWORTH 3.1 SE

107 The special version of this rather useful word processor has been optimised for use with a standard A1200, but is it any good?

MO-MIGA MAGNETO OPTICAL DRIVE

Add 1Gb of disk space to your Amiga in a matter of minutes. A surprisingly fast and cost-effective way to add space to expand your Amiga.

CD-ROM ROUND-UP

We did a huge round-up last month, but this month there are yet more astonishing, useful and downright bizarre CD-titles on the shelves. Check them out here.

AURA

119 Sixteen-bit sampling through the PCMCIA slot. Nah, mate, can't be done. Unless you have Hi-Soft's astounding new piece of hardware. But what does it sound like?

L1500

The name doesn't tell you much, but the pictures on page 124 certainly will - a new contender for the genlock crown.

STOCKING FILLERS

Get socked up for Christmas.

124

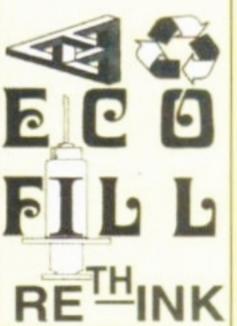
110

114



BITS & BYTES, 5 ST PETERS LANE, LEICESTER LE1 4GH TEL: 0533 513372

ECOLOGICAL



A MEGA KIT - 1 LITRE

CAN DO UP TO 66

capacity 33 times

REFILLS FOR £39

ECO-FILL BULK

THIS KIT INCLUDES A **BULK RE-USABLE ECO-FILL** REFILL KIT & BULK INKS TO **FILL MOST CARTRIDGES** AS LISTED BELOW 4 REFILLS £10 8 REFILLS £16 16 REFILLS £26

HEWLETT PACKARD/CANON/ETC INKJET CARTRIDGES

H.P. STND 51608A S.S.L.	£12
H.P. STANDARD -51608A	£16
H.P. HIGH CAPACITY	£19
H.P. TRI-COLOUR 500C	£21
CANON BC-01/BJ 10E	£16
CANON BC-02	£17
MANY MORE TO ORDER	

SHOPS OPEN MINIMUM TUES-SAT 9.30 - 4.30PM

PRICE PROMISE

WE WILL TRY TO BEAT ANY GENUINE PRICE ADVERTISED, PLEASE CALL FOR A QUOTE

PRINTER RIBBONS We sell fullmark branded probably the best ribbon available. Please

HOW MANY REFILLS: A SIX - FILL = 6 QUAD = 4 TWIN =2

This kit will refill a standard 66 times and a high

ONLY	SINGL	E REFILL	FOR I	MONO	PRINT	ERS	£5.5
OUR	INK	UET 8	BU	BBL	EJET	REFILL	KITS
REC	ACTE	ORIG	SIN	AL C	ART	RIDGES	WITH

BLACK OR COLOUR TWIN-FILL FOR MONO PRINTERS £8.50 TRI-COLOUR ECO SIX-FILL FOR COLOUR PRINTERS £14.00 BLACK OR COLOUR QUAD-FILL INK FOR ECO-FILL £7.00 **ECO-FLUSH FOR BLOCKED JETS & COLOUR CHANGE** £3.00 BLACK OR COLOUR REFILL KIT - NO INK £4.00 TRI-COLOUR SIX FILL REFILL KIT - NO INK £9.00

call for further details

DISK BO	N-D
3.5" 2 Box	£0.40
3.5" 12 Box	£1.00
LOCKABLE BOXES	
3.5" 50 Box	£3.00
3.5" 100 Box	£4.00
3.5" 150 Box	£5.50
STACKABLE BOXES	
3.5" 100 File	£8.00
3.5" 150 Posso	£16.00
3.5" 200 file	£10.00

3.5" DISKS Lifetime Warranty

DSDD - 1 MEG	20	50	100	500	
3.5" GRADE 1	£8	£17	£30	£130	
3.5" Covers	£6	£11	£20	£85	
3.5" Verbatum	£10	£23	£41	£179	
3.5" TRANSPAR	ENT & B	RANDE	D		
Green/Blue	£10	£23	£41	£179	

DISK DEAL

1 x 12 box disk holder & 12 disks

including some usable cover disks.

Disks in any box 26p for DSDD

DUST COVERS

Amiga 500	62.00
Amiga 600	62.00
Amiga 1200	€2.00
Printers from	62.00
Colour Monitor	63.00

HIGH DENSITY

3.5" GRADE 1 3.5" COVERS 3.5" 3M BRAND

20	50	100	500
£13	£24	£41	£170
£10	£16	£30	£135
		£52	

Call! £6

39p for DSHD Plus cost of box

JOYSTICKS -MICROSWITCH PLEASE CALL FOR PRICES

PLEASE RING FOR SPECIAL DISK DEAL ON DAY

3.5" disk labels	50	150	1000
SINGLE COLOUR	£1.00	£2.00	£6.00
RAINBOW	£1.00	£2.00	£8.00
TRACTOR FED	£1.00	£2.00	£8.00

SCANNERS FOR AMIGA

Amiga 256K - No OCR Software	Phone
Amiga 256K Greyscale - 800 DPI	for
Amiga Gold Award 90% 1st	best price
Amiga Colour Scanner - 18 Bit	in
Amiga Format 85% best colour	town

LEADS AND ACCESSORIES

Mouse Mat 6mm	£1.00	Typists Wrist Rest	£2.00
Mouse Mat 11mm	£3.00	Printer Stands	£3.00
Parallel Printer Cables	£4.00	3.5" Cleaning Kit	£2.00
3.5"/5.25" Maintenance kit with vacuum + cleaning bits		£7.00	
Mesh screen filter - colour			£4.00
Glass screen filter - colour			£11.00
Amiga/Atari twin extension lead, mouse/joystick			£4.00
Amiga/Atari/Sega 2 metre j	oystick e	xtension lead	£4.00

MICE - TRACKRAILS FTC

MICE INMENDMENT	THE REAL PROPERTY.
Amiga 200 DPI Mouse	€7.00
Amiga ST/M/S 400 DPI 93% AMIGA US	ER £11.00
Amiga Optical Mouse	628.00
Amiga Trackball 320 DPI	€19.90
Amiga/ST Trackball	
92% GOLD AWARD WINNER	€26.00
Amiga Optical Pen	£32.00
Mouse/Joystick Switcher	€9.00
Amiga Power Supply	£33.00
Amiga Disk Drive	£48.50
Amiga 0.5 Meg Upgrade	€16.00
Amiga Upgrades:	Phone for price

ALL PRICES INCLUDE VAT, PRODUCTS CARRY 1 OR 2 YEAR WARRANTY. GOODS SUBJECT TO AVAILABILITY, E & OE

Please allow 2-28 days for standard delivery, but to speed it up, please write address & cheque guarantee no. on cheque.

Please make cheques payable to "DEAL DIRECT LTD" & post to DEAL DIRECT LTD, Dept AMF 1, Unit 20 Mandervell Road, Oadby Ind. Est. Oadby, Leicester **LE2 5LQ England**

PAYMENT METHODS







Access, Visa, Postal Order, any other method of cleared funds such as Bank Transfer, T.T, letter of credit etc.

Credit cards are not charged until the order is despatched.



There is a revolution coming your way, and Nick Veitch

There is a revolution coming your way, and Nick Veitch went behind the lines to bring back this report.

Photogenics

for the Amiga, the last thing you would think it needs is yet another paint/image processing package. And yet, someone is mad enough to bring out another.

However, it soon becomes apparent that Almathera are not mad at all. *Photogenics*, as they have named the new software, is truly groundbreaking and difficult to pigeonhole into an exact niche of art packages.

It does, like Art Department Professional, handle a variety of different file formats. It can be used to compose, scale, and image process images, saving them out in any number of formats. All the loaders, savers and operators are modular, so they can be added as you need them.

Unlike ADPro, the format of these modules is being made freely available to everyone, so you can write your own or pick them up from the PD.

You can actually paint with the brushes, just like OpalPaint. But *Photogenics* also allows you to edit the pictures with freehand drawing tools. I would say that it was like *Image FX* in this respect, but it is hard to work out what you are doing in *ImageFX*. *Photogenics* is easy. On AGA machines you can see the image in a fully resizable HAM8 window.

Unlike most art packages, you can open multiple documents. This is essential for some of the advanced features of *Photogenics*, such as the Alpha channel and secondary image buffers. The secondary image is used for many of the Rub Through paint modes.

The paint modes are quite special, because they include all of the operator-type effects. So you can actually paint on effects such as Negative, Blur, Solarise and Pixelate. Even more amazing, the paint layer is completely alterable until it is fixed by the user. This means you can undo everything you have painted, or even change the colour, the strength of the effect or the effect itself.

The most amazing thing about the whole package, though, is the price. It is

planned to cost just £54.99, making it a damn sight cheaper than almost everything else.

Look out for the full, authoritative review in *Amiga Format*, coming to a newsagent near you soon.

Rub Through is very useful indeed, especially for images that look like you drew them yourself.

PRODUCTPhotogenics

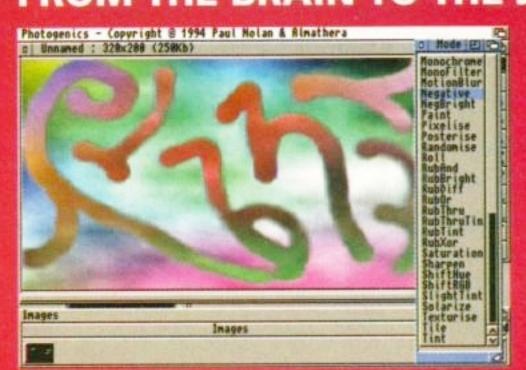
MANUFACTURER Almathera 0181 687 0040

RELEASE DATE

Real soon

PRICE £54.99

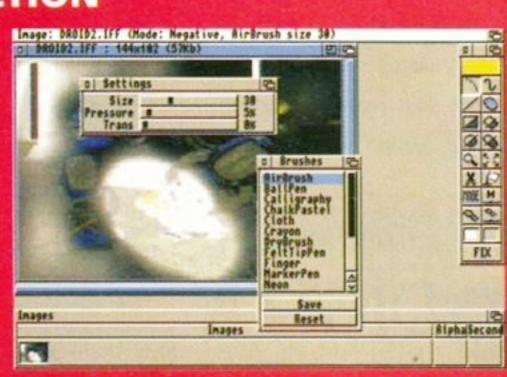
FROM THE BRAIN TO THE JPEG - PHOTOGENICS IN ACTION



The paint modes themselves are not fixed until you press the Fix button.



Some of the loaders, such as Text, Plasma and Mandel are actually used for generating images.



Brush types and their attributes can be specified in extreme detail.

If it's worth knowing Data Store it

Create your own library with Datastore



As long as people have had to record information, they've always looked for better ways to simplify and manage the process.

Now there's an application that helps you do it more effectively than ever before. It helps you store and manage information with ease.

With new Digita® Datastore™, it's easier than you ever imagined. Like Digita Wordworth®, the world's best-selling Amiga word processor, Digita®

Datastore features HIP™ and DigiSense™ technology.

This simply means the software is designed for the way you like to

work. For example, there's a whole range of EasyStart Templates™ to get you going quickly, and extensive online help is always at hand so that you can learn Datastore as you go along.

EasyStart Templates include: Recipes, Address Book, World Traveller, Gardeners' Guide, Club Membership, Video Vault, Home
Insurance Inventory, Amiga
Format Magazine Guide, Super Car
Collection and many more.

Call Digita on 01 395 270 273 for more information or write to Digita, FREEPOST, Exmouth EX8 2YZ.

With Digita Datastore, storing information has never been this easy.



Digita International Limited,
Black Horse House, Exmouth Ex8 1 JL
Telephone: 01 395 270 273, Facsimile: 01 395 268 893



CRITICAL ZONE PACK - WITH 7 CD TITLES





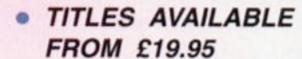
7 CD TITLES

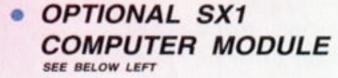


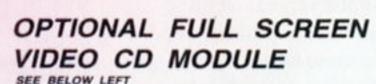
32-BIT POWER

- BUILT-IN DUAL SPEED CD-ROM DRIVE
- 16.8 MILLION COLOURS
 - ALSO PLAYS AUDIO CDs



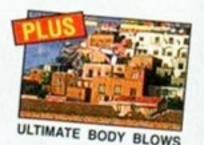








PROJECT X



MORE THAN JUST A GAMES CONSOLE . . .

WATCH MOVIES

Simply plug into the back of the CD32 console and you'll be able to play blockbusting movies

with digital picture and sound.

BL CN LIBERATION

FMV MODULE EXPECTED AVAILABILITY EARLY 1995 CCA 0320

COMPUTER UPGRADE

Turn the CD30 into a fully functional Amiga 1200 compatible computer.

SX1 MODULE CCA 0100 KEYBOARD

PKE 0120 DISK DRIVE **DRI 1159**



ARA 5601 - £19.99

ELITE

ARE 4041 - £22.99

ARL 2741 - £19.99



ARB 1211 - £24.99











LIBERATION ARL 4321 - £24.99





MICROCOSM ARM 4341 - £34.99



HE (HAOS FNGINE



ARP 3741 - £19.99



ARC 4631 - £24.99

INT. SENSIBLE SOCCER

ARI 3981 - £19.99

PIRATE'S GOLD

ARP 4731 - £24.99



OF GAMES

LEGACY OF SORACIL

DEEP CORE



ARP 6341 - £24.99

CRITICAL ZONE PACK INCLUDES:

CD32 GAMES CONSOLERRP £249.99 CANNON FODDER RRP £29.99 DIGGERS RRP £29.99 LIBERATION £34.99 RRP £44.99 MICROCOSM RRP **OSCAR** £29.99 PROJECT X £12.99 ULTIMATE BODY BLOWS ... RRP £29.99 TOTAL VALUE: £462.92

INC VAT - CCD 3450

PHILIPS COLOUR MONITOR Sharpen your output with this high quality 14" RGB & Composite, Stereo Monitor

MON 8833 - Req. cable CAB 5224 £5.95 To: Silica, AMFOR-0195-231, Silica House, Hatherley Rd, Sidcup, Kent DA14 4DX



suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service".

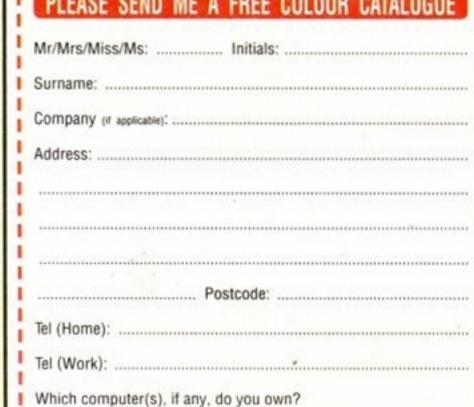


NOW IN 18 BRANCHES OF

- ESTABLISHED 16 YEARS: We have a proven track record in professional computer sales.
- PART OF A £50M A YEAR COMPANY: With over 300 staff - We are solid and reliable.
- EXPERIENCED STAFF:
- All are 'Customer Care' trained and at your service.
- TECHNICAL SUPPORT HELPLINE: FREE help and advice from a team of experts.
- A FULL PRODUCT RANGE: All your computer requirements from one supplier.
- PRICE MATCH: We match on a "Same product - Same price" basis.
- FREE CATALOGUES: With special offers and product news.
- We accept most major credit cards, cash, cheque or
- monthly terms (APR 29.8% written quotes on request). VOLUME DISCOUNTS AVAILABLE: Business, Education and Government. Tel: 081-308 0888.
- FREE DELIVERY on orders over £40-vat. Small administration charge (£2.50 + var) on orders under £40-vat.
- STORES NATIONWIDE: 21 stores including 18 in branches of Debenhams.

PLUS TECHNICAL AND HEAD OFFICE SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

	PLUS BRANCHES AT:	
BRISTOL	Debenhams - (3rd Floor), St James Barton	0272 291021
CARDIFF	Debenhams - (1st Floor), St. David's Way	0222 399789
CHELMSFORD	Debenhams - (2nd Floor), 27 High Street	0245 355511
CROYDON	Debenhams - (2nd Floor), 11-31 North End	081-688 4455
GLASGOW	Debenhams - (5th Floor), 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (3rd Floor), Millbrook	0483 301300
HARROW	Debenhams - (2nd Floor), Station Road	081-427 4300
HULL	Debenhams - (2nd Floor). Prospect Street	0482 25151
IPSWICH	Debenhams - (2nd Floor), Westgate Street	0473 221313
LONDON	Silica - 52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (3rd Floor), 334 Oxford St	071-580 3000
LUTON	Debenhams - (1st Floor), Arndale Centre	0582 21201
MANCHESTER	Debenhams - (3rd Floor), Market Street	061-832 8666
PLYMOUTH	Debenhams - (3rd Floor), Royal Parade	0752 266666
ROMFORD	Debenhams - (3rd Floor), Market Place	0708 766066
SHEFFIELD	Debenhams - (3rd Floor), The Moor	0742 768611
SHEFFIELD	Debenhams - (L.Ground), Meadowhall Ctre	0742 568555
SIDCUP	Silica - Silica House, Hatherley Rd	081-302 8811
SOUTHAMPTON	Debenhams - (1st Floor), Queensway	0703 223888
SOUTHEND	Keddies - (2nd Floor), High Street	0702 462426
THURROCK	Debenhams - (1st Floor), Lakeside Centre	0708 860066



E&OE - Advertised prices and specifications may change - Please return the coupon for the latest information.

V-Lab Motion

Turn your big-box Amiga into a single frame recording video editing system with Nick Veitch.

-Lab Motion is a bit of a progression from earlier versions of V-Lab. You may wonder how MacroSystem could improve on their amazing efforts with V-Lab Y/C, which, apart from it being fussy about input signals, undoubtedly gives the best quality grabs.

Well, quite simply, what they have done is upgrade the hardware to make it possible to grab supremely excellent quality grabs in real-time, continuously.

This is not the same as the Interleaved Frame Recording (IFR) method from previous versions of *V-Lab*, which required you to replay a section of video tape several times. *V-Lab Motion* grabs at 25 frames per second (fps). It captures and stores 25 pictures every second.

This would be quite astounding on its own, but there is more. Not only does it capture all these frames in real-time, it can also play them back at full video animation speed as well. It is the digital equivalent of a video recorder, except better.

Not only can you record and play back sequences, but once they have been recorded you can play about with them – edit, image process, resequence, delete, loop or just about anything.

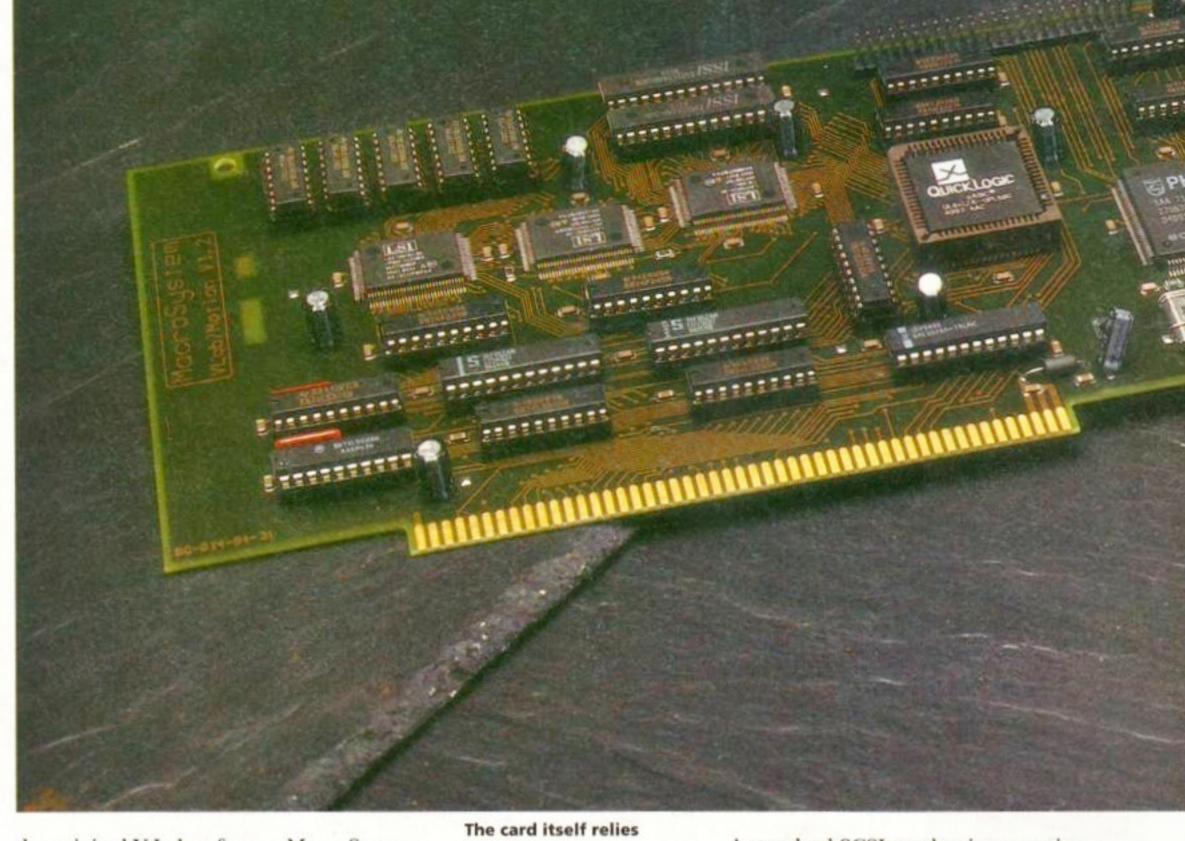
The software that makes all this possible is obviously very far removed from the original V-Lab software. MacroSystem have seen fit to call it *Movieshop* (perhaps hoping to pre-empt Adobe creating something similar for the Mac) which I suppose sums it up really.

The software controls how the hardware operates. You can specify a section of the screen to be digitised, and you can specify the JPEG quality level of the image when it is saved out. Both of these factors have a profound effect on the amount of data which needs to be stored – if you have a slow hard drive you will not be able to digitise full frames at 100% quality. In fact, you need a really fast drive to do this.

The card itself relies heavily on a dedicated JPEG chip to allow it to compress and decompress the frames at tremendous speed.

A standard SCSI mechanism running on an A3000 allows 2/3 screen at around 40% quality (which is good enough for most motion work). With the aid of a very fast drive, say a Micropolis mechanism, you should be able to achieve very acceptable results. The mechanisms may cost money, but you can still favourably compare the V-Lab with the PAR or the Macintosh AVID system.

Because of the excellent compression ratio of JPEGs, it is possible to store a lot more data on a JPEG card than you can with the aforementioned Mac system. With a 1Gb drive, you will be looking to get over 20 minutes of recorded frames, instead of

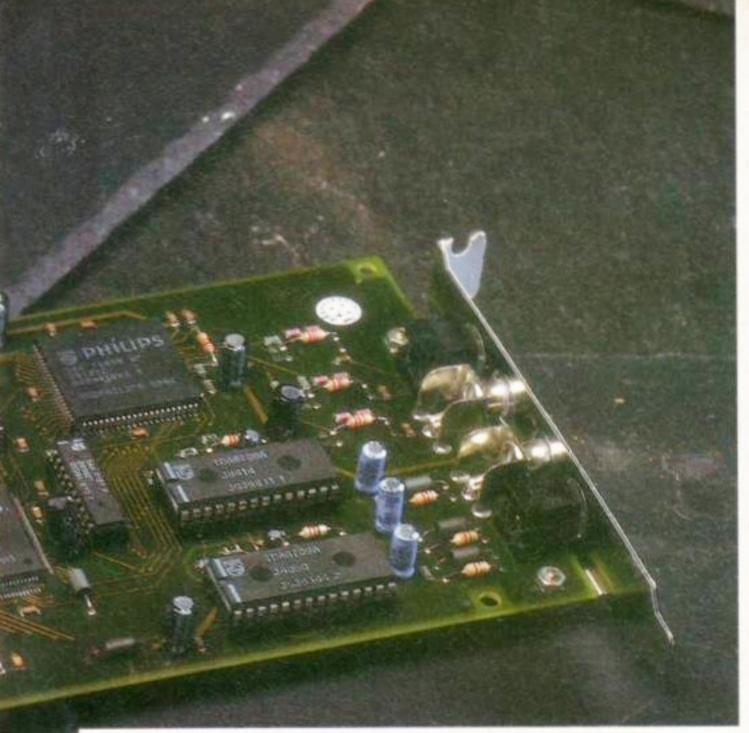


IMPORTING GRAPHICS

It is also possible to import Amiga generated graphics directly into a sequence. This can take

some time, because each frame has to be converted into the screen size and JPEG quality settings of your current project, which must remain constant throughout. There is a library which automatically converts the files for you from a wide range of different file formats, but if you have a copy of *ADPro* and a batch conversion utility or script, it is faster to do it yourself.







This is a still frame

from a sequence.

Even with a half-

decent camera, the

picture quality is very

good. This frame was

grabbed with a JPEG

quality of only 25%.

about five minutes. It can make all the difference, and it means that the hardware is a lot cheaper too.

The software itself is still fairly basic, although we are on release 1.2 in the UK. In the usual MacroSystem style, everything has its own window, and all the windows work independently of one another. This is certainly an accessible and easily configurable way to work, but can make the software harder to get into for the first few days.

The main controls are the scene window, and the scene control window.

The scene window contains a list of all the

MPEG VS JPEG There is a compression method

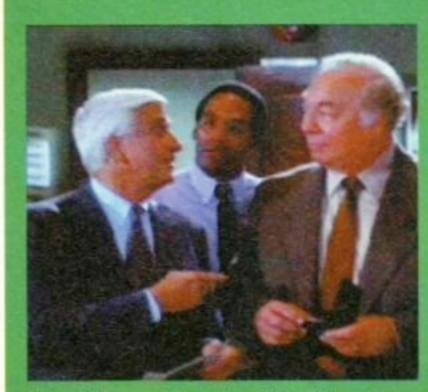
There is a compression method called MPEG which is specifically designed for storing digital video with sound. This is the system used by things like the CD³² FMV cartridge. The advantage of MPEG is that each frame contains only the differences from the previous frame, storing a full frame only a couple of times a second. This results in a smaller amount of data for each frame (or reduced bandwidth to the techies). This means MPEG is able to run directly from even something as slow and inadequate as a CD drive.

Poor old JPEG stores each frame individually, meaning no matter how good its compression ratio, it is still looking at trying to read/write 10 times as much data per second. Why bother?

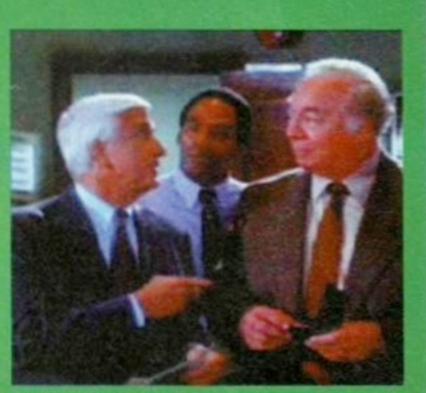
Well, for the quality of playback, there is very little discernable difference. If you were to freeze a JPEG playback, you may just have a better still frame – big deal. The real difference is on the editing side.

Because each frame is stored individually in a JPEG system, single frames can be resequenced, or even taken away, modified and put back. Because of the sequential nature of MPEG, this is all but impossible because the sequence would have to be regenerated back to the nearest keyframe, a new keyframe added and a new sequence generated to the next keyframe. It can be done, but only slowly and painfully.

At the end of the day, it does make sense to combine your JPEG replay and soundtrack into an MPEG file when you are done with it.



This still frame is from an MPEG Video CD, designed for use with FMV consoles.



This is a JPEG of the same image at a quality ratio of 30%. You would hardly notice...

on one of these places it at the command of the scene control window. From there you can view individual frames, cut and paste blocks of frames, or just play through the sequence. Pressing the record button records a new sequence. There are three recording modes: Single Frame, which is very useful for animation; Sequence, which allows you to pre-define a sequence length; or Until Break, which simply records until you click on the Stop button. In essence, it really is as simple as operating a VCR.

The single frame feature is exceptionally useful for animation.
Unfortunately, each frame is stored as a

separate sequence. A sequence is however much you record in one go. This can quickly become very confusing, but there is no 'insert recording' or anything as advanced as that. However, each sequence can be easily combined by using the MakeMaster option from the menu, which just creates one long sequence containing all the shots.

You can use the cut, copy and paste commands to edit this sequence, or you can use the timeline to structure all your shots together. The timeline allows effects across two different sequences on playback. You can also chromakey the

Continued overleaf ⇒

This means that your stunning Lightwave or Imagine animations can be loaded into the system and played back in real-time! One thing you should remember is that you do not need a 24-bit card of any description – you'll get video quality images directly from the back of the card. This system could be quite easily used to produce promotional videos for your raytracing work or any other form of animation. Remember though that JPEG was designed to deal with natural tones and colours, so keep the quality level high if you are dealing with large areas of flat colour or high contrast.













 playback with live video, which has some potential uses in multimedia setups.

In practice, it is usually easier to do both. Assemble sequences of reasonable length from a compiled master sequence, then copy it into the timeline.

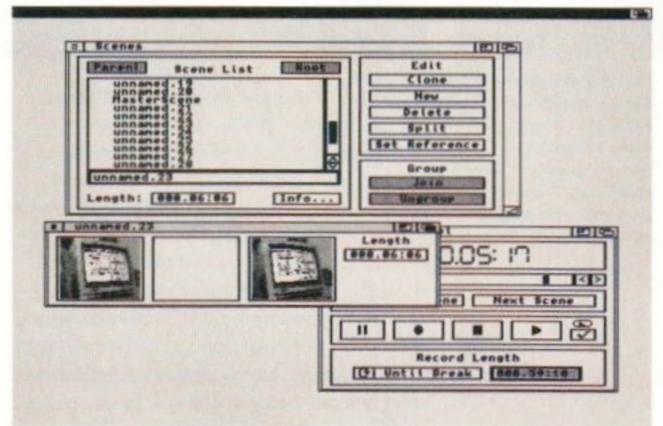
Because of the nature of the timeline, your little sequences of five or 10 frames are easily going to be lost unless you do this. Each sequence is named, but there isn't room to display the name unless you zoom in or the sequence is a good 30 seconds long.

The software is a bit limited, but it is early days. I expect future revisions will be more impressive. The only real restriction to V-Lab Motion is the speed of your disk drive. You won't be able to use this hardware as a professional tool without it, and given the price, it is worth the investment to get a better drive too.

SOUND

The V-Lab Motion card also supports full stereo sound through the **MacroSystem Toccata card. Every time** you record a scene, the Toccata simultaneously records a stereo sound clip. The sound clips are associated with the video clips, but you can edit them using the Toccata software.

When replaying, the Movieshop software automatically controls the sound card and gets it to play the associated sound file. This means that you can get perfect lip-sync recording every time, something which is very difficult to achieve using conventional video equipment.



The software follows the same "a window for everything" philosophy of its forebears.

Make no mistake, this is revolutionary hardware, but at the moment it is let down by the software and the hardware restrictions (needing a hugely fast drive).

I would like to think that in the fullness of time this will be an excellent solution, but it can hardly be recommended for professional work at the present time. Given their record of continually updating their hardware and software, I'm sure that it won't be too long before MacroSystem have improved upon this package, and we will be giving it the recognition it deserves in a future issue of Amiga Format.

V-LAB MOTION

000

DISTRIBUTOR

Amiga Centre Scotland 0189-687 0583

PRICE

£1,040

SYSTEM REQUIREMENTS

Zorroll-slot, hard drive, 2Mb RAM. Very fast SCSI2 drive recommended.

SPEED 0000

25fps record and playback. The size and quality of the picture depends on the speed of your hard drive.

MANUAL

000 Informative, but nothing special. This package is best learnt by experimentation unfortunately.

ACCESSIBILITY

As simple to use as a VCR. But difficult to set up to work for your equipment.

FEATURES

It works, but the editing features are primitive. This should improve with later versions of the software.

0000

VALUE

Cheap, compared to other systems such as the PAR (£1,600) and comparable MAC systems (£9,000+).

"Full motion video capture and playback for the masses - but it is not perfect yet."

76%

"UNDER **NEW MANAGEMENT" CREDIT CARDS NOT** CHARGED UNTIL DAY OF DESPATCH

POST + PACKAGING

TOTAL

TITLES

TEL:

ADDRESS:

AMICA FORMAT JANUARY 95

POST CODE:_

PRICE

REGULAR FREE GIVEAWAYS WHEN YOU **BUY FROM** DIRECT

POST & PACKING: UK Mainland Free, EEC £2.00 per item, Non EEC £4.50 per item.

For customer peace of mind, all parcels are sent by recorded delivery

All items subject to availability.

All prices subject to change without notice. E&OE.

Please allow for cheque clearance.

Some games may not be released

at time of going to press.

AMIG	A TITLES	Direct	's Best Se	llers	AMIGA	TITLES
	99 Fields of Glory19	A Touris & Comp Code		(1200)19-99		Sim City 200022-99
	99 FIFA International Soccer19	Alien 3	16-99 Berminn	r 29-99		Sim City 2000 (1200)22-99
Aladdin	-99 Flashback	Allen Desert O (4 ODO)	18.99 Rise of the Hood	ts25.99	Mighty Max (1200)16-99	Sim Classics (3 in 1 pack)22-99
Alien Breed & Tower Breed17		Banshee 1200	16-99 Ryder Cup	92/93999		Sim Earth8-99
	99 Formula One Champions 19	Brutal Sports Football	5-99 Sierra Soccer .	16.99	Mr Blobby12-99	
	99 Formula One Team Manager19	Carmon rouger		22.99	Mr Nutz (600)	
	·99 G216	Championship Manager Italia	16-99 Simos the Same	rer (1200)24·99	Mutant League Hockey (1200) 18-99	
	·99 Genesia19	99 Detroit	21.99 Soccer Kid (120	0)12-99	NHL Hockey18-99	organismo oposismo minimo oo
Anniversary (1200)22	99 Global Domination22	99 Frontier (Elite 2)		22.99	One Step Beyond12-99	amana obbigationing 200
	·99 Goal10	99 John Maddens Football	9-99 The Settlers	19-99	On the Ball League Edition 18-99	opose recording minimas 33
	99 Graham Gooch 2nd Innings11	Jurassic Park (1200)	18-99 Uridium 2	22-99	Out to Lunch16-99	Opulo haveling
	-99 Graham Gooch World Cricket18	Stiese Stuckings	16-99 WWF2 Wrestling	8-99	Overkill12-99	Space Hum Hilliam Line and State Sta
	99 Guardian (1200)19	Monkey Island 2	22.99 Wild Cup Soccer	9.99	Overlord22-99	Stardust Special Edition9-99
	·99 Gulp19 ·99 Gunship (XL)8	DOA Tour Call & Course		9-99	PGA European Tour16-99	Strike Squad 22.99
	99 Hanna Barbera Animation 29	COLUMN TO THE REAL PROPERTY OF THE PARTY OF	THE RESIDENCE PARTY IN	Thomas	PGA European Tour (1200)18-99	Subwars 2050 19.99
	·99 Hannibal18		HEO	Theme	PGA Tour Golf + Courses 18-99	Super Leadue Manager 16.00
	99 Heimdall 222	99 50£16-00 250£70-00	UFO	Park	Pinball Double Pack21-49	Super Skid 19.99
	99 Heroes Quest 2 Legacy 16	DDICES ADE COD IIV	£22-99		Pinkie	Super Stardust 10.00
Brian the Lion15	99 Hired Guns22	99 PRICES INC P+P		22-99	Populous/Sim City16-99	Tactical Manager (Italy) 19.99
Cannon Fodder 219		99			Premier Championship18-99	Tactical Manager (Scot) 10.00
	-99 Impossible Mission (A600)19	A LONG THE RESIDENCE OF THE PARTY OF THE PAR	TEV	Simon the	Premier Manager 316-99	
	99 Indiana Jones – Last Crusade 14	Cannan Feddon	T.F.X.		Putty Squad 120019-99	Tensal16-99
	99 Indianapolis 5008	Torminator 2	£22-99	Sorceror	Quest for Glory 112-99	The Blue & Grey22-99
	99 Innocent22 99 Ishar 321	600 00	222 33	£22-99	Quest for Glory 212-99	The Clue19-99
	99 Jaguar XJ220 (1 Meg)7	The second secon			Realm of Darkness16-99	Theme Park (1200)22-99
	99 James Pond 3 (A1200)19	DIRECT SP	ECIAL BARG	AIN BOX	Realms9-99	Top Gear 2 (Hard Driving) 16-99
	99 Junglestrike16			9-99	Rise of the Robots25-99	Tracksuit Manager 94/95 19-99
	99 Junglestrike (1200)18	gg Alien Breed 2 - Tower Assault	13-99 Premier Manag	er7-99	Rise of the Robots (A1200) 27-99	
	99 Kick Off 3 (1200)16	arabian Nights		er 29-99	Road Kill (1200)19-99	1100
	-99 Kid Chaos16	99 Brutal Sports Football	5.99 Quadrel	4-99	Robinsons Requiem21-99	11111 1 ml 1 H
	99 Kid Vicious16	COLUMN CONTRACTOR CONT	14-99 Sensible Soco	er9-99 er International9-99	Ruff n Tumble16-99	1111
	99 Kingdom of Germany19	Chilliantine (4.200)		2 (1 Meg)9.99	Rugby League Coach16-99	
	99 Kings Quest 1	Curse of Enchanter	9-99 Soccer Kid	9-99	Rugby League Wembley16-99	
	99 Kings Quest 2	Disa		7-99	Ryder Cup (A1200)16-99 Second Samurai19-99	111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	99 Kings Quest 622	Federation of Free Traders	5-99 Syndicate (A50	00/600)9-99 (er (England)12-99	Seek and Destroy14-99	
	99 Kings Quest 6 (1200)22	gg Lemmings 2	9-99 Titus the Fox	7-99		When 2 Worlds War19-99
	·99 Lamborghini	LOUIS HIROPY		dprocessor)7-99		Winter Olympics20-99
	99 Legacy of Sorasil16	gg Nick Faldo Golf	7-99 Wild Cup Soco	er9-99		World Cup USA17-99
Eye of the Beholder 212	99 Lion King19		9-99 Zool	ler9.99 7.99		Xmas Lemmings9-99
Fantasy Empires22	·99 Maelstrom22	99 Pinball Dreams	7-99 Zool 2	9.99	Sim City /Lemmings19-99	Zool 2 (A1200)8-99
FREE * FREE * WH	IEN YOU SPEND OVER £	30 ON AMIGA 500/3	1200 GAMES YO	U GET A FREE	GAME (WHILE STOCKS	LAST) * FREE * FREE
UTILITIES		CD32 TI	ITLES		EDUC	ATIONAL
Amos Compiler (Req Amos) 19-99	A Kira19-99 Do	k19-99 Litil	Divil18-9	9 Simon the Sorceror	22-99 ADI English (11-12)1	6-99 Fun School 4 (5-7)16-49
	Alfred Chicken17-99 Dra	on Stone19-99 Live	erpool Football17-9	9 Skeleton Krew	22-99	Fun Cabani A Over 7 46 00
Amos Easy22-99	Alien Breed 2					0.33
Amos Professional31-99	All Terrain Racer			and a production of the state o	API Promote (d Pt d A)	6-99 Megamaths A Level17-49
	Arabian Knights10-99 Ger			COCCO 100 MILLION	10.00	Merlin Maths (7-11)16-99
Amos Professional Compiler 24-99	Arcade Pool9-99 Gui		crocosm29-9	9 Space Academy	16.99 ADI Junior Counting	Micro English16-99
Delive Delet 4 to Med. ES 40	Banchee		rph19-9	9 Speedhall 2	114-71	3.49 Micro French16-99
Deluxe Paint 4 (1 Meg)55-49	Beneath a Steel Sky19-99 Imp Brutal Sports Football9-99 Infe			Suber Starding	19-99 ADI Junior Reading	Micro German16-99
Deluxe Paint 4 (AGA)60-49	Bubba N Stix17-99 Inte			IFA	25-99 (4-5)	3.49
	Bubble and Squeak19-99 Inte			o Top Gear 2		Micro Spanish16-99
Disk Box 100 Cap7-99	Bump n Burn19-99 Inte			Tourne Annoust		Micro Maths16-99
External Disk Drive49-99	Cannon Fodder			711-1 D		Micro Science16-99
Catellia Disk Dilve45-25	Chuck Rock			· · · · · · · · · · · · · · · · · · ·	100111	6-99 Noddy's Big Adventure 16-99
Mini Office (Word Processor,		019-99 Putt		The second of th	19-99 ADI Motho (42.42)	
Spreadsheet, Database and Disk	Deep Core14-99 Kic					
Utilities)35-99	Dennis		ad Kill		ADJUNATUS (1.4-14)	6-99 Primary Maths (3-12vrs) 17-49
Mousemat2-99	Dizzy Collection				ccer 19-99	(3-12)(3)11-49
					The second of th	
WEW	ILL MATCH	PRICES!!!	NEVER	BEEN B	EATEN!!! TI	RY US!!
Please charge my Acce	ss/Visa No:		Expir	y Date:	Please ma	ke cheques and P.Os.
			- April			payable to:-
ORDER FOR	W VISA	CUSTOMER NUM	MBER		The state of the s	CT SOFTWARE LTD.
Please write in capital le	tters					RTMENT AMFO1SC
		levi sensi				
i Please supply me with	the following for	DATE:			UNIT 3 CROS	SSKEYS SHOPPING MALL
	the following for					SSKEYS SHOPPING MALL, MBRIDGESHIRE PE19 2AU.





Star's three latest mono and colour/mono printers are just what you want: traditional Star quality, low cost and economical to run. All three are packed with useful features like the dedicated Windows driver and a built-in sheet feeder. There's a choice of options for more demanding applications - including a tractor feed for only £15.00.

So take the hint and plug 'n' print with Star's brilliant new printers. Please return the coupon or phone **0494 471111** for details.

	Star's new LC printer range.
Name:	
Company:	
Position:	
Address:	
	Postcode:



Star Micronics U.K. Ltd., Star House Peregrine Business Park, Gomm Road High Wycombe, Bucks. HP13 7DL Fax: 0494 473333.

A division of Star Micronics Co. Ltd., Japan.

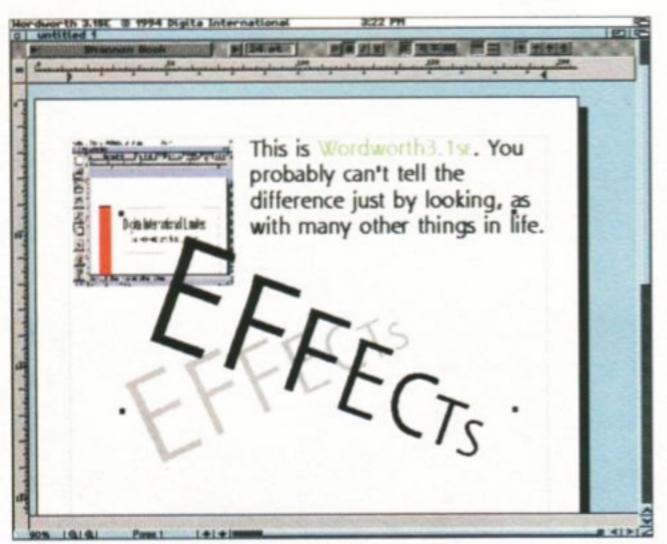
Prices shown are RRP excluding VAT.

Windows is a trademark of Microsoft Corporation.

Available from Star Registered Dealers and Computer/Office Superstores Nationwide.

Wordworth 3.15E

It's new, it's special, it gets a big score and it's Nick Veitch. Er, no, it's reviewed by Nick Veitch.

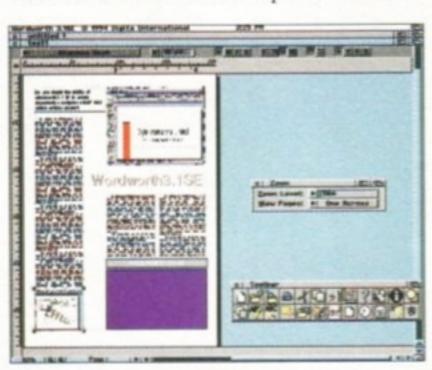


Text effects mean that you can play around with any CompuGraphic font. There are many different effects to use.

he seconds are out for the latest round, featuring the all new Wordworth 3.1SE, which has trained hard and gone down a weight or two.

The SE version, (SE stands for Special Edition) is more or less a cut-down version of the full 3.1 package without some of the lesser features, such as tables, footers, EPS support, various text filters and the like. The benefits of this are twofold. First of all the price. Wordworth 3.1SE is less than half the price of its big brother - a huge saving.

The second bonus is that the new Wordworth 3.1SE has been optimised to run



Although it is really just a word processor, even this baby version can build some complicated documents.



WHAT'S GONE

The SE version of Wordworth is missing:

- Adobe font support.
- Truetype font support.
- PCX file support.
- BMP file support.
- GIF support.
- EPS support.
- IMG file support.
- Text filters except ASCII and older Wordworth versions.
- Table generation.
- Several thousand words from the thesaurus.

quite comfortably on a standard A1200 which is a great boon to those of you who have suffered long and hard with your bundled version of Wordworth 2.0. The number of disk swaps is very small indeed, even during printing.

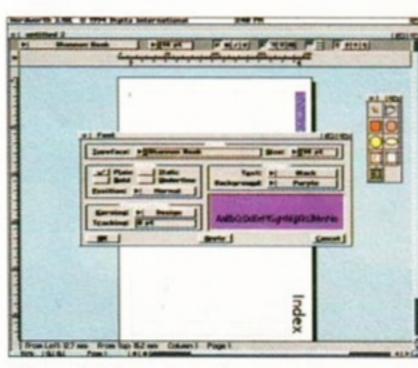
Given that a load of stuff has been taken out though, what can you still usefully do? Well, Wordworth is still not only a more than adequate word processor, it is also a word publisher. Multiple column text boxes and full IFF support mean that vou can even create documents as complicated as those that make up the pages of Amiga Format.

The thesaurus has taken a bit of a beating, but there are still many thousands of words in there, and very useful they are too. Now I can refer to Mr Jones as a futile, ineffectual, paltry, pointless, trifling, trivial, unimportant member of the human race (not if you want to keep your teeth you can't -Mr Jones).

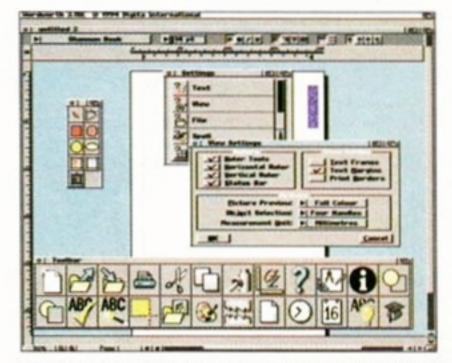
The manual is also a cut-down affair, but still very useful. Bonus marks must go to Digita for their cunning use of the back cover for an icon identification chart (although if they designed the icons sensibly in the first place...).

One thing that is certainly not missing is the speed. Most of these page publishing programs demand so much on processing time that they can't keep up with even the slowest of typists. Although Wordworth is never going to take the typing Grand Prix title away from the likes of Protext or Cygnus Ed, it's no slouch either - even on an A1200 with no Fast RAM.

Dare I say that most users will probably not notice the difference. I'm sure the programmers at Digita will give me a hard time considering all the effort that has



Although this version only supports CompuGraphic fonts, you can still adjust many of the font parameters.



The tool bars can be customised to include your favourite functions, as can the icon sizes and position of the bar itself.

undoubtedly gone into the bigger package, but for the user who just needs to write letters, put together the odd report or create a poster, there is nothing noticeably absent.

Although Wordworth 3.1SE has been designed with the A1200 in mind it works perfectly happily on older machines. The only requirements are 2Mb of RAM and Workbench 2.04. so even you die-hard A500+ users can get in on the act.

WORDWORTH 3.1SE

DISTRIBUTOR

Digita International 01 395 270273

PRICE

£49.95

SYSTEM REQUIREMENTS 2Mb RAM, Workbench 2 or better.

SPEED

0000

The cut-down version is still faster than other contenders in this field, but not as fast as text-only programs.

MANUAL

0000

An excellent manual, even if it is a little small. Don't forget the on-line help feature.

ACCESSIBILITY

0000 Some of the icons are a little obscure, but Wordworth is still a dream to use.

FEATURES

0000

Not quite as gadget-packed as its big brother, but, let's face it, not everybody wants all those features.

VALUE

00000

A bargain. Wordworth 3.1 may be slightly overpriced, but you can't argue with this version.

"All the best bits of Wordworth 3.1 at a bargain price. This is an offer that's hard to refuse."

91%



the internet magazine

Even better than the first time!

Featuring

The Secret Life of E-Mail

Tricks and Tactics for the Postal Service of the 21st Century

And much, much more.

Critics rave about .net issue one!

"Bright, well-designed and certainly informative, the magazine oozed street credibility. By far the best Internet magazine to date."

Jon Ross, Publishing Director, VNU
(Note: Not someone from Future Publishing, but a direct rival!)

"Stylishly designed, .net offers a range of features explaining what the Internet is, and how to make the most of it. The approach is accessible and informative... and gives Future a good grounding for further growth."

The Magazine Business Weekly Report, 27 October 1994

"An immediate and striking editorial environment... [but] will the average would-be buyer of .net relate to a man with multi-coloured wires soldered to his head?"

Tony Westbrook, Editorial Director, Ziff Davis

Find out what they're all talking about!
The new issue of .net is on sale on
Thursday | December.
And this time there are no wires on
the cover – guaranteed!*

*Well, there might be just one or two.

net.

Essential reading for netsurfer, and netpaddler alike



Your guarantee of Internet without tears (or your money back)



3-5" Recycled - Loose

Cohort 2...



10-99 Micro Machines



If a hard disk just won't satisfy your lust for more and more storage space, Nick Veitch reckons you need the Mo-Miga optical drive.

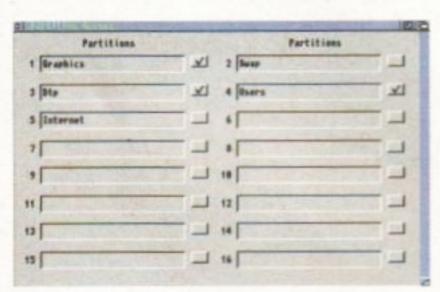
here are two truths of home computing, and in fact all computing. The first is that no matter how fast your system is, it is never quite fast enough (even John 'Pigsy' Allardyce, with his Raptor Plus would agree with this).

The second thing is, no matter how much storage space you have, it is always just a small percentage short of what you actually need. But it's not easy to increase this storage. Unless you are the lucky winner of the National Lottery, you will find that financial shortcomings rather restrict your options.

The best type of mass storage is a hard drive, but they are expensive, unexpandable and if they become damaged, difficult to repair or replace. Mass storage, where files are not in constant use, is best done on some removable medium.

There are plenty of systems to choose from: tape drives, DATs, SyQuest cartridges and magneto optical drives. The trouble with most of these devices is that they are not designed with Amiga owners in mind. They will work, but usually with a considerable amount of difficulty.

But now there is the Mo-Miga - an external magneto optical SCSI device. It takes removable cartridges with a capacity of 1.2Gb. That is not a mistake. A Gigabyte



Partitioning the cartridge is easy, but remember to use the right file system.

SECURITY

Amongst other things, the Mo-Miga device can set up strict user access for your disks. This means that you can password protect your information to prevent it falling into the wrong hands. It might not be of much use to the casual user, but it is certainly of use to organisations and companies. The access restriction is based on Civil Service routing instructions, which means that files can be set to be accessed only in a strict sequence of users.

The protection system is of corporate grade, so there is really no chance of some hacker being able to crack their way into the disks. The disk also keeps track of who has used it, and because each copy of the Mo-Miga drive software is licensed, you'll know exactly who has used your files.

The software to control all of these features is embedded on each disk and wherever you install it on your system, so you are never without the ability to change the set-up. The features are now controlled by a friendly GUI for ease of use.

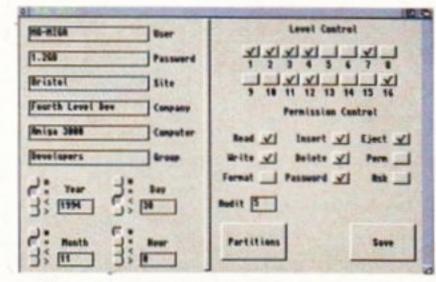


It's tough, reliable, and pretty fast too. Why not go optical?

(Gb) is 1,000Mb, so 1.2Gb is about 10 times bigger than the hard drive that comes with the A4000.

The beauty of it is that you can buy as many cartridges as you like. The drive is the expensive bit and you only need one of those, but with half a dozen cartridges, you could probably store every file you have ever created or installed.

Usually the penalty of a mass-storage medium is speed, as anyone who has ever used a tape-streamer or SyQuest will tell you. Not in this case. The Mo-Miga is just as fast, if not faster, than the average IDE



Adding a new user to the access list is easy with this simple interface.

drive using a standard filing system (typical performance is in the region of 1.2Mb/sec transfer rate). In fact, Fourth Level have added a few filing systems which provide greater access speeds. This turbowrite mode is useful for continuous filing tasks, such as grabbing pictures in real-time.

Normally removable media are too slow to be used as on-line devices, but the Mo-Miga is exceptionally fast. If you're currently using an IDE drive, you won't notice the difference, believe me. The speeds quoted here were obtained using an A4091 SCSI interface, but it is not necessary to have a fast interface like this.

There is also the financial aspect to consider. Although as it stands, for a 1.2Gb drive, the Mo-Miga works out quite expensive, each additional 1.2Gb (in the form of another cartridge) is very cheap. After X disks, you will find that it is much cheaper per Mb than even dirt cheap IDE drives, and far more convenient too.

The drive is physically large, easily big enough to balance a monitor on, but it is robust too. The exact dimensions for the size-conscious of you with no desk space left are: 41x146x203mm. It can be placed either horizontally or vertically, but not at an angle.

MO-MIGA

000

DISTRIBUTOR

Fourth Level 0117 955 8225

PRICE

£2,250 (external model) £141 per cartridge (5 for £570)

SYSTEM REQUIREMENTS SCSI interface.

SPEED

Not super-excellent-bloody-hellwhere-did-it-go fast, but faster than a standard IDE mechanism.

DURABILITY 00000

The disks are much more reliable than standard hard drives or tape mechanisms. The unit is robust.

ACCESSIBILITY

00000 There is a minimum set up time for each disk that you format.

FEATURES

Excellent security features, and an extremely useful turbowrite mode for specialist applications.

0000

00000

VALUE

For 1.2Gb of storage, you are paying a lot, but if you really need the space, Mo-Miga is worth it.

"The sensible storage medium for large amounts of data made more Amiga-friendly."

87%



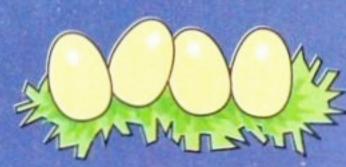


WANT A O 4 YOUR AMIGA?





DON'T A AND PUT



ALL YOUR WOOM IN J BORING







INTERFACE

If you're thinking about buying a new peripheral for your A1200 or A600 then ... don't ... until you've considered our brand-new, plug-and-play SCSI 2 interface and our exciting range of modern storage devices.

Named after the famous storage-hungry animal, the Squirrel™ SCSI 2 interface simply plugs into your PCMCIA slot and allows you to connect up to 7 (yes, 7!) SCSI devices to your Amiga at the same time. Just think of it, a quad-speed CD-ROM, a SyQuest™ removable drive, a DAT drive, a Magneto Optical and a Tape Streamer, all on-line and all available at any time!

All this is a reality with the amazing Squirrel™ SCSI 2 interface.

The Squirrel comes complete with SCSI software drivers, a host of useful SCSI programs (audio CD player, CD-to-HD sampler etc.) and is also extremely compatible with the CD32 so that, with a suitable CD-ROM drive, you can run games like Diggers, Brutal Football, Liberation, Pinball Fantasies etc. etc., all on your A1200/A600.



the neat Squirrel SCSI interface

But there is much more to SCSI than CD-ROM; SCSI is an industry-wide standard which means that you can plug any SCSI external device into the Squirrel interface and daisy-chain units together. You have the choice; tripleor quad-speed CD-ROM, 88Mb/270Mb SyQuest™, 1Gb Hard Drive etc. No longer are you forced into a closed solution - with Squirrel, your Amiga will grow with your needs. You will never be hungry for storage again!

Incredibly, the Squirrel SCSI 2 interface costs only £69.95 including VAT and is available now from all good Amiga suppliers or directly from HiSoft.

To complement the SCSI interface we will soon be releasing a number of quality peripherals - initially double-speed & quad-speed CD-ROM drives and 88Mb & 270Mb SyQuest drives; look out for these professional Squirrel Storage Systems™ at nutty prices! Phone us for up-to-date details.

See these new products at The World of Amiga Show, 9-11 December at Wembley.

HiSoft **High Quality Software**

The Old School, Greenfield, Bedford MK45 5DE UK Tel: +44 (0) 1525 718181 Fax: +44 (0) 1525 713716

Why not FAX our Sales Team for a Quick-Quote!"

Call us, we're always keen to offer GREAT

DEALS on everything for your Amiga!"

LOW PRICES, **EXCLUSIVE** PRODUCTS.... **EXPERT ADVICE and MUCH MORE FROM** THE UK'S FAVOURITE



SUPRA 28MHZ ACCELERATOR

Pro-GRAR

For A500 or 500+

24RT Real Time 24 Bit Colour Video

ONLY... **GH VALUE BUY!**

ProGRAB

16.7million colours with this LOW COST unit! Uses composite video sources eg. VCR, TV, satellite, camera etc. Now inc. TeleText s/w!

Get images

into your Amiga in Mixer, Dual Fader, Monitor Thro'

S-Video & Composite Video

HAMA GENLOCK **HARDWARE** Professional Video/

Computer effects made easier with these great HAMA products. Phone for an in-store demo!

EDITING CONTROLLER

Transforms your Amiga

into an editing computer

for viseo post production. Use with VHS, VHS-C,

S-VHS, S-VHS-C, Video 8 and Hi-8. Includes compre-

hensive HAMA Software HAMA A-CUT

HAMA 292 GENLOCK

S-Video & Composite Genlock.

Single Fader, RGB Control

A-CUI

CAPACITY

130Mb Internal

170Mb Internal

200Mb Internal

250Mb Internal

340Mb Internal

520Mb Internal

JUST LOOK AT THE BENEFITS OF OUR FITTING SERVICE.

ONLY GH CAN OFFER YOU ALL THIS AT SUCH LOW PRICES!

130Mb Self Fit **Hard Drive**

GH Prices start from as little as...

if you prefer we can fit your new drive for you!

GH AMIGA A1200 INTERNAL HARD DRIVES...

are all standard 2.5" IDE devices (self fit or fitted) as designed in by CBM. We do NOT use alternative 3.5" units which can overload the PSU! Included too, is our ESSENTIAL **HD Manual FREE!**

AMIGA DEALER

ESSENTIA

GH HARD

Self Fit Fitted

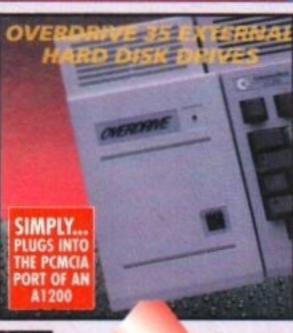
£179.95 £204.9

LOOK HERE! WE'VE GOT 130Mb DRIVES AT UNDER... £180!

THE UNIQUE GH FITTING SERVICE... Why not let our engineers collect your Amiga and fit your drive for only £25 extra!

The price includes... ☆Collection of your Amiga ☆Fitting by experienced **GH** technicians

☆Formatting with W/Bench AHD configuration and installation of back up and repair software ☆FULL 1 Year GH Gold Collection Warranty ☆Courier return to you



DRIVE - 'Plug and Go'! Simply plug this great 210Mb External

Mastering Amiga AMOS

Mastering Amiga AREXX

Mastering Amiga Printers

(2 books, video & tutorial disks)

NEW... Amiga Desktop Publishing £14.95

Amiga Disks and Drives

A1200 - Next Steps

A1200 Beginners Pack

Hard Drive Super Prices start from Only...

esigned to match your Amiga - Looks and works Great!

OVERDRIVE 35 EXTERNAL HARD HD into the PCMCIA slot of your A1200! No taking your Amiga apart. Retains full CBM warranty. Casing matches the Amiga's, pre-foratted, tested and to use. Just 'Plug Go'. All models ht up to 540Mb. are

CAPACITY **GH Price**

210Mb External

340Mb External

420Mb External

£14.50

£18.50

£19.50

£19.50

520Mb External

понии warranty on HD. Doesn't invalidate CBM

Super Low Prices!

warranty!

£18.50

£19.50

£18.50

£14.50

£14,50

£37,95

Amiga

Displays

Monitor &

TV Monitors

for better

displays from

You'll see the

difference!!!

PHILIPS ENTRY

50MHz 68030+MMU - 8Mb RAM 1559.95 **BLIZZARD 1230 ACCESSORIES**

SCSI Module Blizzard 1230 Only 189.55

BLIZZARD 1220/4 Turbo MEMORY

MHT 68EC030 - OME RAM

BLIZZARD 1230/II Turbo ACCELERATOR

BLIZZARD & VIPER CO-PROCESSORS (FPU's) 25MHz 68882 Maths Co-Pro (FPU) ±49.93 33MHz 68882 Maths Co-Pro (FPU) 159.11

50MHz 68882 Maths Co-Pro (FPU) :119-15 BLIZZARD 1230/II & VIPER RAM SIMMS

4Mb RAM (other sixes - please phone) 1129.93 As both RAM SIMM and FPU prices can fluctuate based on currency exchange rates and world supply/demand, please



VIPER 68030 TURBO ACCELERATORS

25MHz 68030+MMU - 0Mb £149.95 40MHz 68030+MMU - 0A 1249.95



the trapdoor underneath our Amiga for a fast boost in power!

Easy to fit in

AMIGA RAM TRAPDOOR UPGRADE 0.5Mb for A500 with Clock

1Mb for A500+ with Clock 1Mb for A600 with Clock

AlfaPower External HD's... External IDE Case

that Plugs into the either A500 or 500+. You can add either TWO 2.5" or ONE 3.5" IDE Hard Drive! Allows up to 680Mb configuration!!! Auto-Boot, Auto-Config, c/w manual & software. Ideal with Supra Turbo!

COMPACT AND

PORTABLE DESIGN!

AMIQUEST EXTERNAL

HARD DRIVES



SIMPLY...

PLUGS INTO

THE PCMCIA

PORT OF

4600's &

A1200's

AmiQuest

DODINE

130Mb External

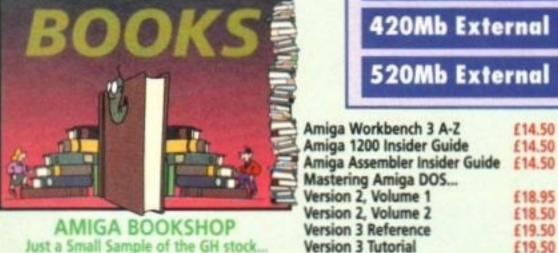
'Portable' HD

GH Prices start

from just...

Units with REAL

Portable Power!



Just a Small Sample of the GH stock...

Please phone and ask about more books in the GH range!

AMIQUEST A600/1200 PORTABLE EXTERNAL HARD DISK DRIVES

No taking your Amiga apart... just plugs into the PCMCIA slot of your A600/A1200 computer. Fantastic 2.5" IDE device that's small & easy to fit. Faster access times than internal units. Use as a second HD (for backups etc.). Full 12 months warranty.

Doesn't invalidate your CBM warranty!

CAPACITY **GH Price** 130Mb External €249.95 170Mb External £264.95 200Mb External £299.95 250Mb External £324.95

£399.95

340Mb External

MICROVITEC 14" COLOUR MONITOR 0.28 Dot Pitch, Hi-Res Colour (requires sepa-

Version 2, Volume 2

Version 3 Reference

rate speakers), Ideal for Amiga, Acorn, ST, PC-SVGA, etc. Cable Included FREE!

Microvitec 14" Monitor Only...

(Requires Speakers)

Microvitec 14" Monitor & Sound...

(Includes Speakers)

14" COLOUR MONITOR One of GH's best

PHILIPS CM8833

COLOUR MONITORS

selling monitors ever! We have secured... LIMITED STOCKS of this great all Amiga with the cable supplied FREE by GH!

CM8833 14" **GH Best Seller**

(Internal Speakers)

PHILIPS PRO2000 17" COLOUR MONITOR/TV 2000 Character

Philips Pro 2000 17" Colour Remote Monitor TV

Resolution 17" FST

Larger Quality! (Internal Speakers)

LEVEL 14" COMPUTER TV

Ideal first time display and TV too! Infra Red tion, FREE Amiga Leads!

(Internal Speaker)



"Confirm you're getting the BEST DEAL - call those friendly people at the UK's FAVOURITE DEALER!"

So small

it can be

transported

with ease for

Portable Power!

BUY FROM GH WITH ABSOLUTE CONFIDENCE! "As a family business established in 1955, we've supplied computers for the past 12 years. With over £32 million worth of units sold, and more than 215,000 happy customers, our trading record is second to none! Why don't you try us for your next Amiga product and find out just why we are the UK's Favourite Amiga Dealer! Phone us now - you'll be pleased you did!"

GH AMIGA PRINTERS

"We've selected some of our **Best** Sellers and held the prices LOW! Of course with GH you will receive a FREE Cable and with Dot Matrix models you also get a FREE Dust Cover!



EPSON STYLUS 800 720 dpi COLOUR INKJET

Exciting and revolutionary NEW HIGH QUALITY INKJÉT PRINTER! Boasting incredible 720dpi resolution max. output, the Stylus 800 is unique! Take a look at recent mag. reviews and glowing reports! If you need the ultimate low cost inkjet proofing device - This is the one for you!

(Works with current drivers but requires a new one that takes advantage of the 720dpi resolution - available soon!)

Epson Stylus Colour

Excellent and Truly Unique Budget Inkjet 720dpi Printer

ONLY...



CITIZEN PRINTER RANGE A great range of Dot Matrix Printers...

Citizen ABC - 24Pin

Choose either Mono or Colour! Great Value Budget MONO.. COLOUR...

Citizen 90, 9Pin Colour

One of our Best Selling **COLOUR Printers...**

Citizen 200, 24Pin Col.

Super Print Quality at a special low price

ONLY...

Citizen 240, 24Pin Col.

Super Quality Print and Feature Packed...

ONLY...



CANON BUBBLEJET RANGE If you prefer BubbleJet (inkjet) then think Canon!

Canon BJ10sx Mono

Low cost A4 Printer with 360dpi resolution

Canon BJ200 Mono

Low cost A4 Printer with 360dpi resolution

Canon BJ230 Mono

Superb A4/A3 Printer with 360dpi resolution

Canon BJ600 Colour

Fully featured A4 Printer with 360dpi resolution



BRAND NEW HP 320 MONO INKJET PRINTER

Replaces the popular 310 model and now has 600 x 360dpi resolution. Ask for details of the optional colour kit!



HP 320 Mono

Low cost A4 Printer with 360dpi resolution JUST...

Optional SHEET FEEDER Only... £61.95

Optional COLOUR KIT Only... £39.95

CONSUMABLES/ACCESSORIES

Canon

INKJET CARTRIDGES: BJ10ex/sx

BJ200/230 £15.95 BJ600 Black Cyan, Magenta, or Yelo £8.95 BJC600 Pack - inc. Cyan, Magenta, Yelo, Black £32.

BJ800 Black Cyan, Magenta, or Yelo £21.95 £84.95

BJ10ex SHEET FEEDER (Black/White available state which you need when ordering)

CHINZEN

RIBBONS: 120D Mono 90/C Mono 90/C Colour 24/200/240 Mono Colour

9/24Pin 80 Col. Colour Kit 32K RAM BUFFER - 24/24E 32K RAM BUFFER - 200/240C £19.95

128K RAM BUFFER - 200/240C £32.95 80 Col. AUTO SHT. FEEDER £84.95

hp

INKJET CARTRIDGES:

DeskJet TRI COLOUR

DeskJet BLACK (Double Life)

£27.95 Paintlet BLACK £26.95 Paintlet TRI COLOUR £38.95 PAPER - Single Sheet £18.95 PAPER - 'Z' Fold TRANSPARENCY FILM (50Sht) £49.95 EPSON Stylus COLOR

£23.95

£21.95

INKJET CARTRIDGES: Stylus 800 Black £19.95 Stylus 800 Black £39.95 PAPER

CITIZEN QUE

Stylus 800

ABC PRINTER ACCESSORIES: £24.95 **COLOUR KIT** £39.95 TRACTOR FEED

PHONE US FOR OTHER PRINTERS AND EVEN MORE ACCESSORIES AND CONSUM-ABLES AT GREAT PRICES!!!

collection and re-delivery for any major hardware item that may develop a fault in the first year, access to our special Help-Line, an option to extend most product warranties for a

harwood

THE GH ADVANTAGE...

Remember when you buy from GH we look after you!

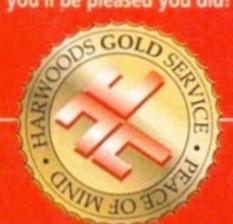
Our policy gives you...

FREE UK Mainland

MUCH MORE!

period of your choice and...

Why not ask about our 'LifeTime Warranty Plan', you'll be amazed at the LOW COST! Even if you purchased hardware elsewhere you may still be able to take advantage of this unique scheme. Call us now, you'll be pleased you did!



DIAL -A-DEAL

01-773-836781 or



Listed is

a small

our vast range of

Amiga

software.

Phone us

election of

FAX US FOR A 'QUICK-QUOTE' ON... 01-773-831040

POWERDRIVE 880K - 3.5" EXTERNAL DRIVE

Anti Click, Anti Virus, Throughport, Sony Mechanism, can be upgraded to 1.7Mb Spec. With FREE Blitz & Expander

software to give 1.4Mb per disk! Cyclone compatible. Full 2year warranty.

PD 880K Great Value

POWERDRIVE 1.7Mb HD 3.5"DRIVE

A massive 1.7Mb capacity is now available on every Amiga disk! Inc. FREE Head Cleaner BIG Capacity

PD 1.7Mb

CUMANA 3.5" DRIVE £59.95 Throughport, Extra Long Cable FREE Head Cleaner

AMITEK 3.5" DRIVE £62.95 Built-in Anti Virus checker and FREE Disk Head Cleaner!

CYCLONE SOFTWARE £14.95 Fully compatible with either of the two Powerdrive models shown in this advert

We also supply other Disk Drives (not listed above) both internal and external at GREAT PRICES! Phone GH and ask for details



SUPRA FAX MODEMS

Supra 144LC V32 Bis - Transmit & Receive Faxes at up to 14400bps! Includes a cable to your Amiga (Fax s/w available, see panel below)

Supra 288 Feature packed! Can operate up to a FAST 28800bps! Includes a cable to your Amiga (Fax s/w available, see

288 GH Value

Modem s/w

Modem to Modem software included

144LC

GP FAX SOFTWARE

Required by Supras for Fax transmission and receipt.

panel below)

AMIGA ACCESSORIES

AMIGA MICE: HQ Microswitched, smooth 400dpi £11.45 Resolution MEGA MOUSE HQ Optical Microswitched mouse £28.95 Alpha Data Mouse Pen £32.95 HQ Microswitched Trackball £29.95 Auto Mouse/Joystick Switcher £17.95 Mouse Mechanic - mouse cleaner £4.95+p&p

Midi interface Sport £24.95 **AMIGA JOYSTICKS:** Zipstick Autofire £11.95 The 'BUG' £14.95 (Full range of Quickjoy and other joysticks - PHONE!) **AMIGA DISK PRODUCTS:** TDK 3.5" DS DD - 10 £6.95 50 £29.95

Certified Bulk Disks with labels: 10 with library case £4.95 50 Disks - No Library Cases... £19.95 100 Disks - No Library Cases... £35.95 250 Disks - No Library Cases... £79.95 3.5" Essential Disk Head Cleaner - £2.95

AMIGA MIDI INTERFACE: TDK 3.5° DS HD - 10 £8.95 50 £39.95 PHONE FOR LOTS MORE ACCESSORIES TOO!



for more! £229.95 **NEW... PAGESTREAM 3** PEN PAL Vers. 1.5 £34.95 FINAL COPY II Release 2 - AGA £49.45 £74.95 FINAL WRITER NEW Release 3 - AGA MINI OFFICE £39.95 SCALA HT100 £35.95 **DELUXE PAINT 4.1** £64.95 **DELUXE PAINT 4 - AGA** £74.95 VISTA PRO 3 £29.95 **VISTA PRO LITE** £29.95 **ART DEPARTMENT PRO 2.5** £149.95 £74.95 **REAL 3D CLASSIC** REAL 3D Vers. 2.0 £399.95 £97.95 CALIGARI **BRILLIANCE 2** £49.95 LIMITED OFFER **IMAGINE 3** £109.95 £22.95 X-CAD 2000 X-CAD 3000 £227.95 ART EXPRESSION £144.95 £36.95 **GB ROUTE +** £32.95 **DISK EXPANDER** £37.95 PC TASK £54.95 **BLITZ BASIC 2**



DIRECTORY OPUS 4

MOUSE MECHANIC Keep your mouse in tip top condition the easy way. Very Effective!

Only... +p&p

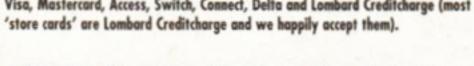
£51.95

"...at GH, we'll look after you..." SERVICE, SUPPORT and WARRANTIES: GH's One Year GH Gold Warranty gives you com-

BY PHONE: We'll help with any queries and when you're ready to order we accept Visa, Mastercard, Access, Switch, Connect, Delta and Lombard Creditcharge (most

plete peace of mind (new for faulty goods exchange for 30 days, service for first year -

we collect & redeliver free), with enhanced/extended options available as you prefer.



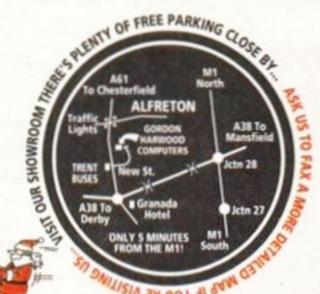
tact phone number with your order requirements. If charging a credit/debit card include its number and expiry date (and issue number with Switch cards).

PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post.

EXPORT: Most items are available at TAX FREE PRICES to non EC residents & overseas UK Armed Forces Personnel (with CO's document), Please call us for confirmation of prices and carriage charges.

FREE UK DELIVERY: We despatch promptly & offer FREE delivery of all orders throughout Mainland UK. If your order is urgent we have priority despatch options with expedited delivery available.





"Why not pay a visit to our Amiga Showrooms?"

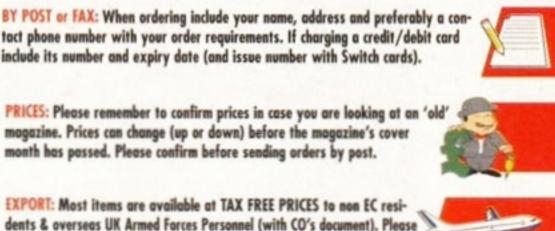
We're Open... Mon-Sat 9am til 5pm Wed 9am til 1pm



computers E harwoo the UK's favourite Amiga Dealer!

GORDON HARWOOD COMPUTERS LIMITED (Department ainf/A2) NEW STREET ALFRETON **DERBYSHIRE DESS 7BP** Telephone: 01-773-836781 Facsimile: 01-773-831040

"Got a technical problem?" "Need an Upgrade?" "Want a new peripheral fitting?" LOOK NO FURTHER... GH engineers can do the job - that's guaranteed

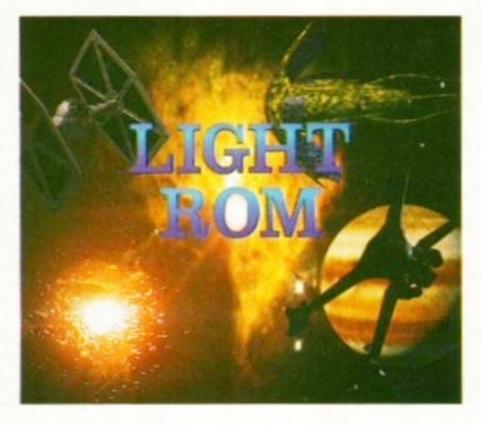




CD software

CD-ROM is rapidly becoming one of the big growth areas in the Amiga marketplace.

Jason Holborn, our resident compact disc jockey, surveys the latest batch of releases to grace his CD drive.



LIGHT ROM

■£39.95 ■ PD SOFT ■ 01702 466933

If you enjoy 3D graphics work then this CD-ROM title from PD
Soft will definitely be of interest. Although it's pitched directly at
Lightwave users, Light ROM contains files which are also useful for Sculpt 3D
and Imagine users. Containing over 650Mb of data, Light ROM features a
huge library of 3D objects, Lightwave scene files, surface attributes, bump
maps, Vista .DEM files and other associated 3D files.

The range of 3D objects is certainly very impressive. Subjects covered vary from human anatomy and animals (including a great Tyrannosaur model) to effects (various types of fireworks), vehicles and more spaceships than you can shake a stick at. A wide selection of *Imagine* objects are included too and, surprisingly, there's very little crossover so you could use a program such as *Pixel 3D* (*AF65* Coverdisk) to translate between the two formats. In all, *Light ROM* is worth every penny.

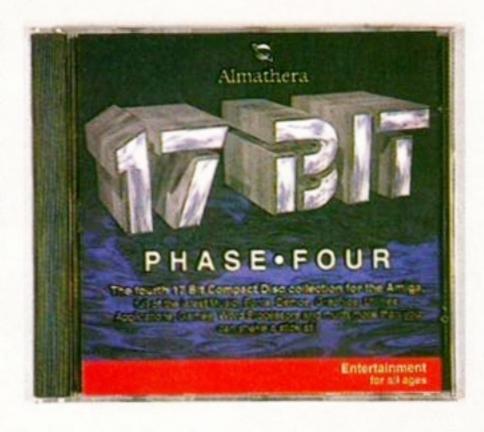
"If you're a keen Lightwave user then you'll find the objects on Light ROM a real treasure trove."

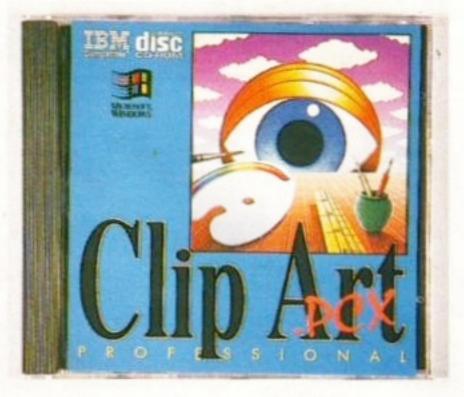
"The best way to get your hands on the latest programs in 17 Bit's impressive catalogue of PD software."

17 BIT PHASE FOUR

■£19.95 ■ 17 BIT SOFTWARE ■ 01924 366982

17 Bit Software have crunched every single new disk that has been added to their immense library of Public Domain software during 1994 on to this single CD-ROM which was mastered by Almathera Systems. Like previous 17 Bit Software collections, none of the programs on the *Phase Four* disks can be accessed directly. Instead, *Phase Four* uses a special menu system which decompresses any disk that you select on to a blank floppy. Although this can be annoying, it does mean that you can easily distribute the PD software on the disk to friends who don't have a CD-ROM drive. The software on the disk ranges from full-blown PD games to demos, picture slideshows, music samples and utility collections. If you're a PD fan, this disk is highly recommended.





.PCX CLIP ART

■£19.95 ■ PD SOFT ■ 01702 466933

Aimed primarily at PC owners, this CD-ROM contains a huge collection of high-resolution clip art images for use in desktop publishing applications. Although the clip art files are stored in .PCX format, many Amiga DTP and word publishing packages support the .PCX filetype so there's no reason why you can't use them on your Amiga.

All the images on the disc were scanned in with a hand scanner. Indeed, many of the images have been scanned in line art mode so no attempt has been made to give the impression of greyscales. Although the scan quality is (on the whole) very good, some of the scans are less than perfect. Like all good clip art collections, the range of subjects covered is comprehensive and should suit every requirement.

"Despite the lack of colour clip art, DTP fans should find this compilation very useful indeed."

70%

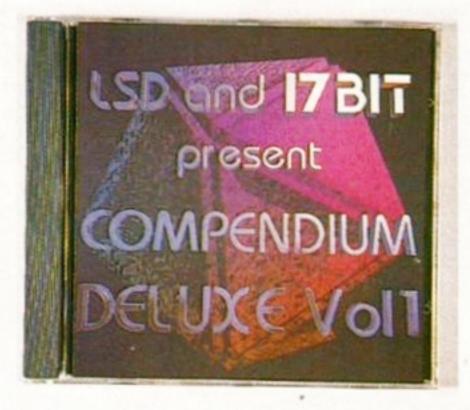
"Although some of the software is a bit obscure, dig deep and you'll find a few real gems on this disc."

78%

COMPENDIUM DELUXE

■£19.95 ■ 17 BIT SOFTWARE ■ 01924 366982

Most PD compilations contain the usual mix of games, utilities and other associated files. What sets one disc aside from the others is not how many animations or utilities it has, but how easy it is to access the files. The author of Compendium Deluxe has a rather clever solution to this problem, instead of relying on a fancy front end, Compendium Deluxe uses an AmigaGuide-based hierarchical menu system that allows you to find the file you want with ease and then decompress it directly on to any device automatically. Compendium Deluxe contains a wide selection of serious utilities (many of which aren't on other similar compilations), games, animations and demos. Although the choice of games is not impressive, Compendium Deluxe is worth buying for its selection of utilities.



"If you need a source of high-quality scanned images then look no further than this compilation from PD Soft."

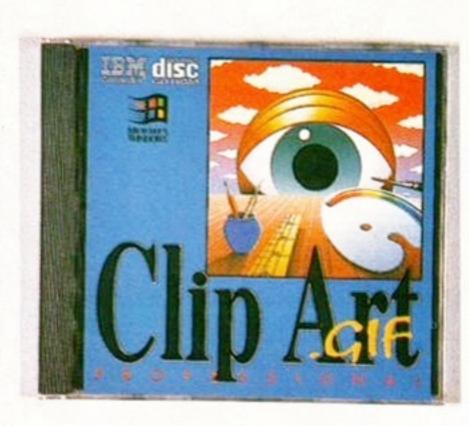
84%

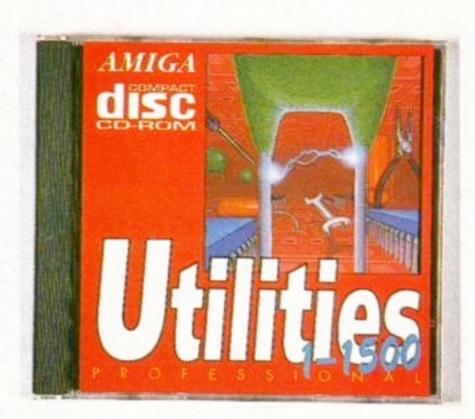
.GIF CLIP ART

■ £19.95 ■ PD SOFT ■ 01702 466933

If the thought of wading through thousands of 256-colour scanned images of scantily clad beach babes, high-performance super cars, exotic locations and interesting peices of fruit excites you then this compilation from PD Soft is worth investigating. Designed for the PC, the images can also be viewed on an Amiga providing you have a program capable of interpreting .GIF format images (Personal Paint or ADPro will do the job).

The images on the disc are arranged into specific catagories – animals, people, transport, girls and so on. Most are scanned in 256-colours at a PC resolution of 640x480 and are of very high quality. As a source of colourful artwork, this disc is very good value indeed. The lack of Amiga support is somewhat annoying but the .GIF format is so widely used that this shouldn't pose too much of a problem.





UTILITIES 1-1500

■£19.95 ■ PD SOFT ■ 01702 466933

Building up a decent collection of PD needn't cost a bomb – buy this single CD-ROM from PD Soft and you can instantly obtain the first 1,500 disks from PD Soft's impressive range of Public Domain software. It doesn't take a brain the size of a planet to deduce that 1,500 disks worth of data won't fit on to a single CD-ROM (you'd need approximately 1,320Mb of storage space) so PD Soft have crunched their disks using the PD *Diskmasher* DMS format. Although DMS is included on the CD-ROM, PD Soft have neglected to include any icons and so you need to be fairly proficient to access the DMS program. Even then, the version of DMSWin (which runs DMS from Workbench) is so old that it's very, very unfriendly. Although the content of this disc cannot be faulted, the presentation leaves a lot to be desired.

"Like Hottest 4, this disc is let down by a lousy front end. Once again, though, the content is very good."

72%

"The content is top notch but you need to be fairly Shell literate to access what you want."

65%

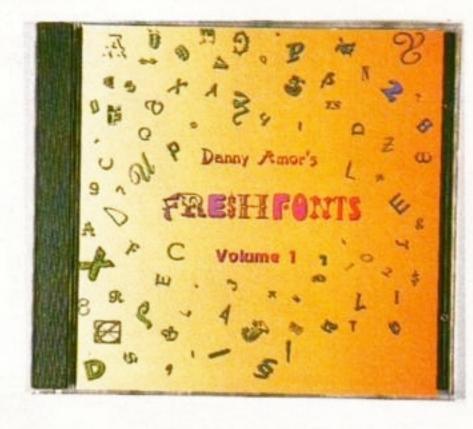
HOTTEST 4

■£19.95 ■ PD SOFT ■ 01702 466933

The companion to PD Soft's *Utilities 1-1500* disk is *Hottest 4*, a compilation of PD software that didn't quite fit into the serious utilities category catered for by the utilities disc. Like *Utilities 1-1500*, none of the programs on *Hottest 4* can be accessed directly from the Workbench so you'd better have a pretty good knowledge of DMS if you want to get any of them up and running. Once again, PD Soft have managed to make the disc very unfriendly – the only way you can access the contents of the disc is to either use *AmigaDOS* or a directory utility.

However the contents are very good. Packed away on the disc you'll find a vast selection of games, demos (including many AGA versions), Workbench 3.0 and AGA utilities, sampled sounds and loads of music modules. In all, a good compilation that is only let down by its awkward front end.





FRESHFONTS

■ £19.95 ■ 17 BIT SOFTWARE ■ 01924 366982

Font compilations are nothing new – in last month's CD-ROM round up we reviewed two – but few are as cleanly and as logically put together as this compilation from the PD master himself, Fred Fish. Packed on to this single silver wonder are more than 200 fonts. OK, so some other font collections offer more fonts per pound, but this compilation is somewhat different because a great deal of effort has been put into ensuring that every single font is available in DMF, Intellifont, Adobe and TrueType format (saving you the hassle of having to convert them yourself).

If quality rather than quantity is more important to you then this is definitely the outline font disk to buy. It may not have every single PD font under the sun but those that are on the disc are generally very high quality. "Although not the most comprehensive selection, this is one of the most professional fonts packages."

75%

"Not quite in the same league as Light ROM but, despite a few faults, it's still a good disc."

60%

AMIGA RAY TRACER £19.95 PD SOFT 01702 466933

This two-volume set from Germany contains a potpourri of 3D rendering files. Common to both discs are a wide range of 3D objects for Imagine, Lightwave and other popular Amiga rendering packages. The range of objects isn't too impressive when compared to the Light ROM disc, especially when most of the objects can be found on other compilations anyway. The objects are backed up by a wide range of 24-bit backdrop images, rendered images (mostly 3D Studio stuff), 24-bit textures, outline fonts and a wide variety of attributes for Imagine users. The only major gripe I could level at this collection is that it shows its German origins just a little too much – many of the files are designed for use with Maxon Cinema 4D (an English version of which has yet to be released) and many of the file and directory names are in German. Save your pennies and buy Light ROM instead!



INDI JANUARY SALE

(infact at any time)

We can Now organise Instant Credit with a Same day decision at nearly ONE Hundred Offices Nationwide

BUY TODAY -PAY IN 6 MONTHS

ORDER ANY INDI ADVERTISED PRODUCT OVER £100, USE IT FOR 6 MONTHS AND THEN **CHOOSE HOW TO PAY**

Option 1 AFTER 6 MONTHS **PAY IN FULL** NO CHARGES WHATSOEVER

PAY OVER 24 OR 36 MONTHS AT **OUR NORMAL** APR*

INSTANT CREDIT AVAILABLE FROM NEARLY 100 OFFICES NATIONWIDE

Credit Cards







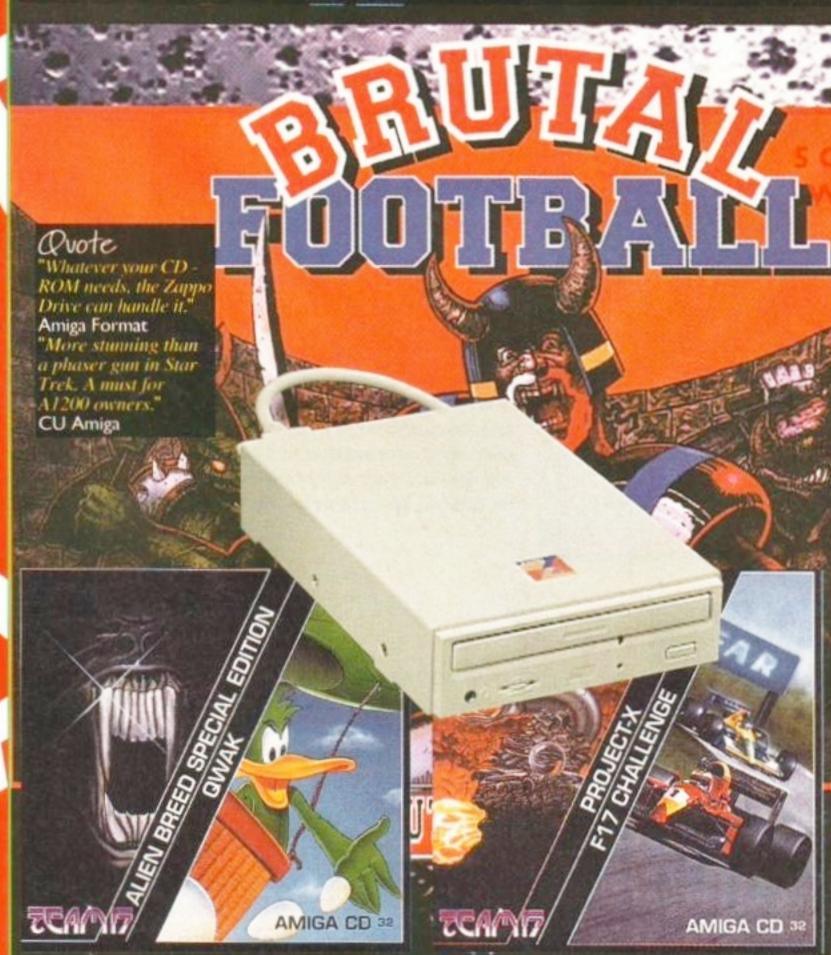
Simply write your cheque guarantee card number, name and address on the back of your cheque and we will normally be able to despatch your order the day that we receive your cheque. Cheques, received without a cheque guarantee card number, will normally clear within a maximum 7 working days.

Customer Care

he substantial volume of sales calls comming into our office has resulted in delays in the crucial area of customer care. To ensure that all customer queries are handled speedily and efficiently a new customer care department has been established. Our new department will be happy to assist you on their new number 0543 419921 Mon-Fri 10am-4pm

APR 29.8% Subject to Status. Offer ends 31st January 1995

ZAPPO AMIGA 1200 CD ROM DRIVE LIMITED EDITION PACK



Brutal Football "It is first rate ... it'll keep you in stitches for

months"94% **Alien Breed** "A supreme challenge to new and old players alike" 90%

Qwak "The most playable Amiga game ever" 92% Project - X

"Incredible graphics, awesome speech...a true classic"92%

F17 Challenge "fast moving graphics, excellent gameplay... a game to be reckoned with "84%

min 3 Mb memory required PLUS a superb multi button, joypad

worth £14.99 ZAPPO CD ROM DRIVE **Limited Edition**

SALE PRICE

Drives have come down so INDI pass the advantage on to

Plugs into the PCMCIA Slot of the Amiga 600 &1200 and is ready to go. Excellent build quality at an amazing price. 12 Months Warranty



Sale Price £312



APOLOGIES TO OUR CUSTOMERS INDI have discontinued internal IDE Hard Drives. The Smart Stor Plus is in our opinion faster and far better value for money

You've seen all the reviews on this popular and affordable second Amiga drive. Compatible with all Amigas Quality 9 out of 10." Exceptional value for money. **Amiga Computing**



ZAPPO EXTERNAL FLOPPY DRIVE

DID YOU KNOW THAT MOST MAJOR SOFTWARE PUBLISHERS ARE BRANDING THEIR CD32 SOFTWARE



US Gold, Electronic Arts, Elite, Team 17, Mindscape, Krisalis, and Kixx

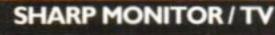
Monitor SALE

MICROVITEC MONITORS

This superb monitor offers a high quality 0.28 dot pitch and low radiation total MPR-II compliance. Complete with external Stereo Speakers and includes all leads - this is the monitor that we have all been waiting for.

> External Speakers Included







CD 32 EXPANSION MODULE

Order today and fill in our credit application

form. Choose a payment period from 6 - 60
Months and you will soon be using your SX-I
for 6 months for nothing.
The Amazing SX - 1 Module simply slots into the
back of your Amiga CD32and a whole world of
expansion opens up for you. Add a keyboard,
floppy drive or even fit a superfast hard drive.
Instantly your CD32 is no mere console, it's a real computer.

FREE FRED FISH

SX-I EXPANSION E 89.99

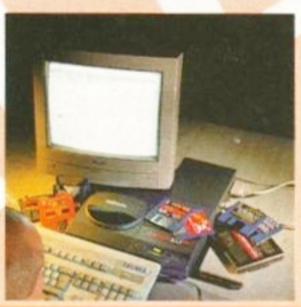
Expansion Options

BLACK £37.99 KEYBOARD ZAPPO FLOPPY DRIVE £44.09

SX-1 Super Bundle

SX-I Expansion Module Black Keyboard Zappo Floppy Drive

FREE
Zappo T - Shirt or Zapsac
with every Zappo Product Confirm when ordering



EL: 0543 419 999 FAX: 418 079

ANNOUNCING THE NEW Panasonic KX-P2135

A 24 Pin Quiet colour printer, designed for those who need low cost ressional quality output, giving all your documents and presentations eye atching colour. The NEW KX-P2135 incorporates a 20 page built in sheetfeeder, a flat belt push tractor feed to facilitate easy loading together with a noise level of only 46.5dBa (43.5dBa in super quiet mode)

uiet Printing 46.5 dBa - 43.5 dBa SQ Mode Juliple font capabilities including 3 draft and 7 letter quality

- paper paths * 7 Colour printing
- * 250 cps Draft Micron, 83 cps LC
- * I Year Warranty

Please note all Panasonic Dot - Matrix printers are supplied with tractor feed, FREE of Charge. Other Companies can charge approximately £50 extra for this feature.

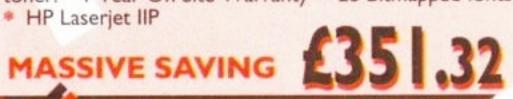
FREEPHONE 0800 444220 for your FREE Amiga Driver Disk



Panasonic KX - P4400

New KXP4400 Ultra - Compact LED LAZER QUALITY Page Printer the printer that fits virtually anywhere. Ultra small footprint (12.7cm x 38.8cm x 29.4cm ex trays) At under 6.5 kg this printre travels with you. They also feature energy efficient power save. Page Printer standard Specification

* 4 pages per minute of laser quality output * 100 sheet, multi purpose paper tray (A4, letter, legal and executive) * I Mb Ram expandable to 5 Mb *1600 copies per toner.* I Year On Site Warranty * 28 Bitmapped fonts * HP Laserjet IIP





Panasonic KX-P4410 Laser Printing

- * 5 pages per minute
- 28 resident fonts
- Optional 2nd input bin (total printer capacity 2x200 sheets)
- * Low running costs
- Parallel Interface
- Optional memory expansion to 4.5 Mb (0.5 Mb as standard)
- HP laserjet II emulation * Including Superprint
- 24 Months On Site

WHILST STOCKS LAST

SALE PRICE

ROMBO

MEGAMIX. Low cost, hi spec digital effects cartridge plugs into the printer port of the Amiga. Allows stereo sampling from almost any musical source. INDI PRICE £26

TAKE TWO. Animation package is a must for computer artists and enthusiasts of all ages. As used in Rolf Harris Cartoon Club. INDI PRICE £34

VIDI AMIGA 12. The ultimate low cost colour digitiser for the Amiga. "the best value full colour digitiser on the market".- Amiga Format. INDI PRICE £69

ROMBO VIDI AMIGA 12 (RT) Based on the best selling Vidi Amiga 12. This all new version offers real time colour capture from any video source. Full AGA chipset support as standard for all A1200/A4000. INDI PRICE £129

ROMBO VIDI AMIGA 24 (RT) Plus FREE Power Supply For the more serious user, this 24 - bit version will again capture from any video source with true photo realistic images! A staggering 16.8 million colours can be utilised with incredible results. Full AGA chipset support.INDI PRICE £219

ALFASCAN - PLUS 256 GREYSCALE & ALFA COLOUR 256K COLOUR HAND SCANNER

This Superb A4 Amiga Scanner voted "Amiga Shopper Best Buy", arrives complete with Merge IT and Micrograph OCR Software. Merge IT allows the simple, quick merging of two on-screen images and Micrograph OCR turns your Amiga into an efficient text reading system. Amiga 500/500 plus /A600 /A1200 /A1500 /2000 /3000 /4000 *Minimum IMb memory * Minimum 2Mb memory & a Hard Disk to run OCR option. * Kickstart, Workbench VI.2 or higher.

ALPHASCAN PLUS 256 GREYSCALE

WITH OCR SOFTWARE Optical Character recognition allows you to edit Scanned Documents. Perfect for Word Processing Applications

ALPHA COLOUR WITH 256 COLOUR HANDSCANNER

SCOOP PURCHASE Top Quality 100% Error Free BULK DISKS

50 Disk Pack £11.69 Disk Labels 500 Pack £4.50



- 1) Printer Dust Cover Tailored dust cover for the Panasonic KX-2123 printer INDI PRICE £8.99
- 2) Printer Stand -2 Piece printer stand
- 3) Paper Pack -500 sheets of quality A4 paper
- 4) Continuous Paper 2000 sheets I part listing paper
- 5) Parallel Printer Cable-Used for connecting Amiga to Panasonic printers
- 6) Panasonic Colour Ribbon Colour ribbon for KX-P2123
- 7) Panasonic Black Ribbon Black ribbon for KX-P2123

INDI PRICE £9.99 INDI PRICE £9.99 INDI PRICE £19.99 INDI PRICE£8.99

INDI PRICE £12.99 INDI PRICE £6.99

CANON PRINTERS

CANON BJIOSX

*110 CPS * Portable Printer(1.7 kg) * 360 DPI * Optional auto cut sheet feeder * 1 Year Warranty

CANON BJ200 *173 CPS high quality-248 CPS high speed * 360 DPI * 8 resident typefaces * Lightweight Compact format

Built in cut sheet feeder holds 100 sheets * I Year warranty £224.99

Do You Own An Amiga A1500 / A2000 / A3000 0r A4000

2091 SCSI CONTROLLER CARD

- 6.6 Roms for use in the A4000 * Upto 2Mb of 16 bit dips can be fitted
- * Any 3.5" SCSI Hard Drive can be fitted
- Install software for SCSI Hard Drive Any other standard SCSI device can be added
- * Tape streamer * SCSI Scanner * External Hard Drive

MBX 1230 XA 50 MHZ 50 MHz 68030 & MMU

* Allows your A1200 to run 1.52 times faster than a A4000 / 030 Easy trap door installation (No soldering

required)
Fast RAM upgradable to 128 Mb (72 pin 32 bit) On board battery backed clock Does not interfere with PCMCIA port

50mhz 50mhz +50mhz FPU

£199.99 £229.99

AMIGA REPLACEMENT FLOPPY DRIVES

Amiga 500 / 500+ Amiga 600 / 1200

Commodore 601

Trapdoor upgrade for the Amiga 600, 512K INDI PRICE £19.99









- Powerful 32 bit processor * Professional style keyboard 2 Joystick ports * 3.5" floppy drive * 1 Mb RAM
- Start Write word processing
- Zool Game Pack
- Introductory Lemmings, Chuck Rock, Superpool and Fervour
 Applications Suite: painting, drawing, text editor and music program
 Comprehensive audio training tape
 I Year At Home Warranty
 Acorn Action Page
- Medium Resolution SVGA 0.28 dp
 - PLUGS INTOYOUR TV SET

Acorn Action Pack



AKF52 Multiscan Monitor

INDI DIRECT MAIL I RINGWAY INDUSTRIAL ESTATE. EASTERN AVENUE. LICHFIELD STAFFS. WS13 7SF

PLEASE ENCLOSE £5 FOR SECURICOR DELIVERY Please send 1).....

Price......+ Delivery
I enclose cheque/ PO for £.....or charge my Access / Visa
No.....Expiry..../...Signature....

Postcode......Daytime Tel.....

LATEST





A 1200 The following titles will only work on AGA machines such as the A1200 and A4000 3096-10 BADBOYZ AGA Graphics converted from the PC UCHESS AGA 4 MEG Impressive AGA chess game. It requires 4 meg of ram to run. 3209 WB3 RAINBOW Puts a fancy rainbow effect behind your dull worldbench screen 3211-5 WEIRD SCIENCE Exceptional quality graphics various subsects, animals etc. JPEG AGA IMAGES Nine disks of stunning graphics 3225-6 3286 SUPER HAM PIX HOI AGA MEGADEMO 3287-3 A1200 UTILITIES Includes Virus Killers, Datatypes, Copiers, etc. WB3 VIRUS KILLERS Up to date collection of Virus Killers 3356 A1200 DEGRADERS Degrade your Amiga down to an A500 thus allowing a huge range of older games to work on your machines 3403 3405 3418 MORE WB3 HACKS WINBLENDER NFA A1200 UTILS Collection of tools for the A1200 3419-2 FIT CHICKS Stunning AGA pictures of girls 3422 RETINA BURN RAVE 3423-2 NIGHT BREED PIX 3425 FREAKS BODYSHOP More girly pix 3428 ANDYS WB3 UTILITY THE BEST! Huge range of different tools for the A1200/A4000 3429 PLASMA CLOUDS 256 3436 3500 JPEG UTILITIES HD MEM (Req MMU) Use your hard disk as memory 3501 3530 HOIS 2 MEGADEMO QUICK GRAB AGA Pic ripper 3610 LYAPUNOVIA AGA Stunning space generator BODYSHOP 4 More stunning bubest 3627-2 Motorola INVADERS 2 Amazing AGA Space Invaders game with a stunning 1 meg soundtrack 3687 TMAP DEMO Interactive 3D maze...256 colours 3693 MANDELMANIA 4 AGA Fractal generator BODY SHOP 5 AGA Lovely ladies! XANADU AGA Good mega demo FIT CHICKS 3 AGA Unreal lovely ladies. Ooh La La!! ☐ 3798-2 FIT CHICKS 2 AGA Ooh la la.....again 3802 EMPTY HEAD AGA Smart new megademo 4001 3888 FRENCH DEMO MEGA BALL AGA Stunning new AGA version of Break-Out WOW! 3800 VIEWTEK 2.0 Latest AGA pictures viewer FERRARI AGA SLIDES Stunning pictures of cars 3697-2 ASI AGA FIX DISKS 4005-3 KLONDIKE AGA Stunning 256 colour card game. ☐ 3833-4 MANGA AGA PICTURES Heaps of Japanese manga pictures 3838-2 COMPLEX "ORIGIN" Unreal introduction to an Amazing Mega demo. Loads of raytaced planet scenes. Brilliant! ☐ 3843-2 STAR TREK PICTURES Impressive AGA Star Trek Slides CHANEL NO 5 Amuzing new A1200 Megademo. 3981 AGA DATATYPES Includes JPeg, PCX 1&2, BMP, ILBM Mac and loads more ABSTRACT PIG 4055 "FULL MOON" AGA 4046-2 BIG TIME SENSUALITY Rated the best ever AGA demo Includes an amazing remixed soundtrack by Bjorg, and stunning graphical routine AGA BACKDROPS LJ 4125 CONVERT HAM Converts HAM pictures to 256 4124 CD TO A1200 Parnet clone 4125 CD>CD ROM 4130-4 KLONDIKE cards A collection of additional cards for use with KLONDIKE includes Girls. Animals etc. BRAIN STATE IN A BOX ASI MULTIVISION Graphics utilities 4145 BEYOND BELIEF Another superb demo 4146-3 INVESTATION 3 disk mega demo 4151-2 BODYSHOP 7 Lovely ladies on disk 4153-2 BODYSHOP 6A FRIDAY AT EIGHT DEMO 4161 Brilliant megademo 4160 HOLAGA REMIX Very strange collection of games 4165 AMIGA GUIDE EDITOR Make your own guides. 4185 HYDROZONE GAME 3986 Very fast 3D game 4209-2 **FAIRLIGHT LOVE** 3955 New Fairlight megademo BAZZA 'N' RUNT Smart little platform game 3985 4230 ZOMBIE 2 126-3 STARTREK AGA updated version of Zombie. Contains louds of blood n guts, a great shoot em up. LJ 4234 KNOTTY AGA 4233 Slide a puzzle type game for AGA

> DPI SOFTWARE LATEST 4002 PARNET DPi Disks cost £3.50 each WORKBENCH 3 Link up two Amiga's together 4011-3 KIDS CLIPART Replacement copy DPI2 HD INSTALLER 3 disk set of kids clipart D 4014 Prep & Install software on your BREAKOUT A1200 hard disk. 4016 CHURCH MUSIC DPI3 HARD DISK PREP 4019 GASTRILL RAVE Formatting & Prep software for Great rave music track new A1200 hard drives. 1 4022-2 READ & LEARN DPI4 PRINTER DRIVERS 2 disks of educational games Over 100 printer drivers for SOLITAIRE GOLF Workbench 3. DPI5 ENGINEERS KIT Solitare card game 4025 Test your A1200 over, speed test, CLASSIC SOLITAIRE drive check, custom chip tests etc. 4026-2 ASI MULTI PRINT DP16 EXTERMIN'S AGA 4029 DATA INDEXER Virus Killer package 4033 4035 ILLUSIONS WOW!! DPI7 CRACK'N'COPY RAVE LENGTH 4036 MONOPOLY **GAMES** The classic board game 4038 REND 24 KS2/3 4039 DATAPRO 2810 SUPER PACMAN Very fast disk based database Brilliantly smooth version of that 4040 FILE ENCRYPTOR classic 4041 AMOS INTUITION KARATE CHAMP Amos intuition routines A new Karate beat'em up 4042 PASSWORD 1.2 3898 DIGGER Password protect your HD From the Arcade version 1 4051-2 ANT WARS KLAWZ THE CAT 3900 Great new Lemmings clone Nice looking platform game 3D Garden Designer BLACK DAWN 3901 Design your garden on your Brilliant D&D game Amiga with ease 3902 BAT DOG □ 4062 VIDEO MAXE Fast and addictive platformer Powerful new video cataloging 3903 AMIGANOID system Breakout but with 2 buts! 4063 16 COLOUR ICONS 3904 WORLD DARTS KS2/3 required Play darts the easy way PAGESTREAM UPDATER 3905 BOB'S GARDEN Update Pagestreams import Excellent Diggers game export modules and printer 3908 CAFFEINE FREE DIET drivers Very fast paced horizontal shoot BASS SAMPLES em up. Great stuff! Loads of Bass samples 3909 GALAXY '93 4071-5 CG FONTS 1-5 Superb Galaxians game. Very Over 60 CG Fonts original sound FX 4076 20 SHORT MODULES 3910 CRONIC THE HODGEHEG A selection of 20 very small A poor mans Sonic the Hedgehog music modules. game. SAD! ONSLAUGHT 3891 DARTS GAME Super fast SHOOTEM UP Another darts game? 4078 KRILLIAN INCIDENT ICE RUNNER Superb 3D game Based on the classic Loadrunner, 4079 DR WHO but with totally updated graphics Dr Who the game is finally here and sound on the Amiga 3888 MEGABALL AGA NEW IFF FONTS A 256 colour breakout game A disk full of IFF colour clip 3869 PLACEBO INVADERS fonts. Great stuff Colourful Space Invaders game 4081 **EIGHT Colour icons** TACHYON A collection of 8 colour icons for A Tron clone Workbench 2 or 3 MOOSE DRIVER 4082 ALPHABET CLIPART Fast top view racing game Original set of Alphabet clipart 3873 DITHEL IN SPACE images Cute but addictive platform 4083 TASK FORCE GAME game/shoot'em up EJ 4084 Waynes World Pong 3861 NOSTAGIUM Super fun Pong type game, loads The classic C64 undium is here of great sound fx. Requires 3858 LCD GAMES Kickstart 2/3 4085 RAISE THE TITANIC 4 classic LCD games FATAL MISSION 2 3776 Superb new 3D game, where Brilliant shoot'em up your job is to raise the Titanic 4086 3777 Operation Firestorm YAHTCY GAME MEGABLOCK 2 4087 Features fantastic graphics. Great platform/sboot'em up New Tetris clone 3745 4090 AGA ICONS HIGH OCTANE A set of stunning icons for Fast car racing game 3718 Workbench 3 NUMTRIS ☐ 4091-7 ADOBE FONTS 1-7 See above 3667 Huge collection of Adobe fonts INSECTOIDS 2 4098 Home ACCOUNTANT brilliant shoot'em up 3668 SHANGHAI '93 Keep track of where your money A fantastic conversion. HOME BUDGET ☐ 3640-2 STARBASE 13 A huge arcade adventure Look after your hard earned money 3635 ROBOULDIX 4100 FONT MAKER Up to date Boulderdash clone Excellent font maker ☐ 3623-2 MR MEN OLYMPICS 4101 OXYD PUZZLE 3627-2 MOTOR INV 2 AGA 4103 TOOLManager BITS ☐ 3612 KUNG FU CHARLIES TOOLS+ICONS KS2/3 2 player platform/beat'em up 4104 HD CACHE 3573-2 18th HOLE GOLF Hard drive cache system PD golf game. Good stuff U 4105 SCHEDULER 3580 FIREFLY SHOOT'EM New diary system with integrated Fast & Furious phone book 3570 RUMMY 4106-2 PHOTOCD The card game Photo CD viewer 3563 ROAD TO HELL 4108 REORG 3.11 KS2/3 Another good top view racer Hard disk optimizer 3505 GIDDY 4109 SHARE Manager 23 Excellent cute platform game Keep track of your money KS2/3 3455 GNU CHESS ks2/3 required Intelligent chess game 3462 STARIANS Fast shoot'em up 3987 VCHESS II Latest chess variant on the Amiga

Q 4116 SWERVE AGA X-LIST "Cataloger" 4118 4121 HI-LO CARD GAME CD TO A1200 4124 "PARNET CLONE" 4125 CD>CDROM AGA 4126 FLYING LESSONS Comical animation 1128 PARADROID II 4130-4 KLONDIKE EXTRA 4 extra card sets AGA 4136 Citizen System DISK 4137 BACK TO SKOOL 3 LJ 4138 BIOMECHANOID 600k rave MUSIC track U 4141 DYNAMIC SKIES ☐ 4149-2 A64 PACKAGE V3 4155 FOOTBALL ICONS The World Cup icon set D 4157 APACHE 4162 OVERLANDER Absolutely brilliant Moon Patrol 4163-2 Cybertech CORP Requires A1200. Superb Alien Breed type game AMIGA GUIDE AGA 4166 DELUXE GALAGA 1.9 Brilliant Galaxians clone 4167 SYS INFO V3.24 4168 QUICKFILE OS 2/3 4169 VIDEO MANAGER 4170 TO EXE 4172 DIRWORK 1.62 Superb file copier/manager FILEMASTER 2.0 ☐ 4181-2 APOLLO 11 Great education title 4183 PAST WARS Shoot'em up EPOCH MASTER Update to cover disk version 4186 SCORER UTILITY 4187 CHEATS V3.0 Hundreds and hundreds 4188 IMAGINE VIDEO'S Promotion for Imagine Video 4189 SMARTY For children with Autism 4190 DELTA FORCE Shareware game 4191 BOOT OS 2/3 Workbench replacement 4192 SIRDS New RDS type program 4193 MORTGAGE CALC Calculate mortgage & loan rates 4194 CASSETTE INLAY Make your own cassette inlay cards PARANOID 94 A rip off of the classic 4196 ROME Educational title 4197-2 TALENT Q.E.D 2 New Mega demo 4199-4 GROOOVY GAMES Large collection of games THE FEELING 4205 RAVE Music 4204 DANCE WARS A collection of really smart rave tracks, all brilliantly crisp quality. 4205 DEVOLUTION ART Ham images 4206 PYRAMID GAME 4211-5 MORTAL GODS RAVE SAMPLES 1-5 Q 4217 VARKS UTILS NO 5 4218 CAL COUNTER Calorie counter 4219 HDCLICK Hard drive menu system 4221 DANGER MOUSE Very similar in concept to Hunchback but features the character "Danger Mouse" great sound fx * speech. 4223 SHAPE ED SW Shape editor. Sprites n stuff 4224-2 RHYTHM ATTACK SAMPLES 1&2 4226 EVIL INSECTS Smart new shootem up 4227 PLEASE Release ME Funny stuff, starring Dolly Parton. 4228 HIGH SPOT FUNKY Comical animation. 1 4258-4 ICON ARCHIVE 3500 100NS **Priority Order Form**

ICONS 2527 ICONS FOR ALL 2 ☐ 3848-3 ICONS PLUS KS2/3 A 3 disk collection of icons for use on workbench 2 and 3 Custom ICONS KS2/3 More great new WB2/3 icons MAGIC Workbench for KS2/3 machines Give your Workbench a new image 16 COLOUR ICONS KS2/3 required AGA ICONS ☐ 4081 8 COLOUR ICON ED *IMAGINE* DINOSAURS & ANIMALS Includes different animals including various Dinosaurs. A stunning animated T-REX is also

included 3931 WWII &MISC AIRCRAFT A number of different air craft MODERN AIRCRAFT STARWARS OBJECTS Loads of different objects from Star Wars Trilogy. 3934 STARTREK OBJECTS Loads of different objects from the Star Trek series 3935 AMIGA 1000 OBJECT AMIGA A3000 OBJECT An object of the Amiga 3000 3937 BILLIARD BUILDINGS Includes various objects including CHESS, and various buildings 3940-2 VEHICLES Includes BMW, VW, Puture Bike, Ferrari F1, 32 Dodge, Engine, etc. 3700-2 IMAGINE OBJECTS 1&2 A collection of various objects USS ENTERPRISE It's so detailed you need 4meg WILLIAMS F1 OBJECT Fantastic 4 meg Formula One object ☐ 4110 IMAGINE ATTRIBUTES IMAGINE Q&A

The most asked questions answered. 4400 IMAGINE ATTRIBUTES 2 More stunning textures. IMAGINE LIGHT FLAIRS Create stunning light effects in Imagine as seen in Babylon 5 and Star Trek The Next Generation STREETFIGHTER 2 ARCADE

A superb object of the arcade

machine. Okay for Imagine & IW

▶EMULATORS **≪**

A500+IBM EM 3837 BBC EMULATOR A BBC Emulator? A bit weird on the A1200 4008-3 SPECCY EM V2 PC TASK 2.03 3554 Run PCXT software on the Amiga SW 3495 KICKSTART 3 EM Run Workbench 3 on your A500+/A600 2001 PC EM Good A500 PC emulator 2879 ATARI ST EM KS2 An Atari ST emulator for the A500+ 3159-2 QL EMULATOR KICKSTART 2 EM For A500's use Workbench 2 software. 4402 VIC 20 EMULATOR The classic VIC is here on the Amiga KICKSTART 13 A way of making more old games run on the A1200/A4000 DOS. PC DOS DISK For use with any PC Emulator 43.50.

3033 PRINTER DRIVERS Over 100 printer drivers on one disk, Including: HP500.500c, HP550, HP Laser jets, Star printers, Panasonic, Canon, Postscrip Seikosha, Epson, Amstrad, OKI, ommodore, etc. PDWB (WB with driver installed) We'll install a printer driver of your choice on the version of Workbench you request, We'll then send you a ready to use full working copy of Workbench with a printer driver installed all for just \$5.00 + P&P

□ 1234-3. TTTLEXXX = 3 disks

LITTLE OFFICE

CATALOGUE DISK Contains lists of over 4500 Amiga disks. Games, Utilities, Demos, Graphics, AGA software C more Order code: L CAT £1.00 with any order

IMAGINE BUDDY SYSTEM
perb interactive interial system for Imag
2 disk set [] 1 RS+2 £4.00

WORKBENCH STUFF COMMODORE FORGOT Workbench 3 is all very well, but there are still an awful lot of useful tools missing. This is a set of utilities & toys to enhance your Workbench even more. Includes amongst other things a very fast text editor with heaps of in built features. File archiver, Graphics conversion tools, virus checker, Tiny clock, a powerful calculator, a disk salver, a system monitor, a large collection of Picture Datatypes, including: jpeg. PCX, BMP, Mac etc. Other useful things include a very small screen blanker, a hard disk menu system, an effective and easy to use disk copier and for times of relaxation a selection of four Workbench games.

> SPECTRUM EMULATOR 2 Complete with over 40 all time classic spectrum games. Order code: SPES-3 Only £5.00

A1200/A4000 ONLY

An essential three disk set

Order code: SCF7-3 Only £7.00

100 SPECTRUM GAMES Over 100 all time classic spectrum games on 7 disks ready to run on your Amiga with The ZX Spectrum Emulator. Games include: Dan Dave, Strip Poker, River Raid, Shool Daze, Jetset Willy, Galaxians, Hitch Hikers Guide to the Galaxy, Sentinal, Boulderdash, JetPac, Manic Miner, Star Trek, Uridium, Snooher, Hunch Back, Micro Olympics, Under Wurlde, Thrust, Asic Asac

> and loads more. Order code: SPG15-7 £15.00

AMIGA BEGINNERS GUIDE A complete tutorial for Amiga Dos. If you've just purchased your Amiga you're probably tring a few problems, if so get a copy of this Order code: ABG6-2 Only £6.00

MAGIC WORKBENCH EXTRA'S 2 disks of brand new backdrops, and icons for use with Magic WB Order code: MWE4-2 Only £4.00

RANDOM DOT STEREOGRAM Create your own Holusion art, easy to use. uply load in your IFF picture from Deluxe Paint, and RDS will convert it and save it Order code: RDS3-1 Only £3.00

AWARD MAKER PLUS Create your own professional looking Awards. Great for small clubs etc. Different borders, fonts and layouts Order now. code / JAWP3-1 Only £3.00

A1200 SOME JUSTICE '94 State of the art mega rave demo, featuring superb graphics and an unreal soundtrack. Available on Amiga disk now for only £2.00 | |SJD2-1

SPECIAL OFFER!!! AMIGA 1200 DUST COVER Only £1.99 with any order. Order code \[XI

>	7 7	CH	T	WA	VE	1
	LI	ULL		WA	VL.	

D LBL4-1	BABYLON 5
	Four superb Lightwave objects of
	Babylon 5 space craft. Only £4.0
□ LAO4-1	AIRCRAFT
	A number of different air craft.
	Only £4.00.
□ LSO4-1	STARWARS
	Different ojbects from Star wars
	Only £4.00
DIST41	STARTREK
	Loads of different objects from
	STARTREK. Only £4.00

Aliens Amoured Personal Carrier.

LAP4-1 ALIENS APC

LWT52 TEXTURES 45

Only £4.00

Based on the popular board game

Fast and furious shootem up

Based on the all time classic

Superb quality Pool game

fantastically animated main

Brilliant shoot'em up, features a

TEN PIN BOWLING

KID'S POOL KSZ/3

EVIL INSECTS

character.

BLASTER

series

4226

machines. Great graphics.

Four disk set of stunnig pix

Card set of Startrek for Klondike

MINI AGA SLIDES

STARTREK CARDS

>ask for our AGA list when ordering<

4237-4

TARITIC	
Address	
Tel:	
Amiga model	Payment
Credit Card No.	
Exp	The state of the s
Ordering by Post	Postage and Packin
Simply send us a written order with a list of the disks you	Please add a total of 50p to your order it
require, or simply tick the bosses of the titles you require, fill in	please add 25p to each title and all to each
your name & address, remove or photocopy this page and send	class delivery.
it along with full payment to	Compatibility
VIELS FREE PD, 138 139 Victoria Boad, Swindon, Wilts	All sides a baselined about a made on an

Collecting Disks

PD disks can be collected same day, but if your order is quite

Overseas Orders

Overseas orders are welcome, but please add 25p for each disk

large, please phone in a few hours previous to pickup.

ordered, a minimum of 5 disks applies.

if in the LIK. Overses ch pack ordered for All titles advertised should work on any Amiga unless state AGA means that it only works on A1200/A4000. KSZ/3 means that title requires an A500+/A600/A1200. Ordering by phone

To place an order over the phone simply call any time betwee

9.30 & 5.30pm Monday to fururday with your credit card detail

(Orders can usually be placed up to Tpm every evening.)

and the doks you would like to order

1	Order Val	E E	
ı	Amount of PD Packs XXXI0-5 PACK TITLE Individually priced	Qty	=£
ŀ	PD Prices per disk 1 12342 title of disk (2 disks) 1 single disk 13:00 2-5 disks 12:00 each 6:10 disks 11:75 each 11-20 disks 11:50 each		*6
	Other items		=5
	Total goods value		=£
	Postage & Packing + Please add a total of 50p for PAP in the UK		Sip in the 11
	Amount enclosed		-1

AUra

With the release of Aura, HiSoft hope to succeed where their Clarity 16 sampler failed.

Jason Holborn gets in tune.

hile the rest of the computer industry has painlessly progressed to 16-bit sound hardware, the Amiga's sound capabilities have struggled to break free from the binding limitations of the aged 8-bit Paula sound chip. Paula may have been state-of-the-art back in the mid Eighties but with both Apple Macs and PCs now offering CD-quality 16-bit sound as a standard feature, she is starting to show her age.

With the promised 16-bit sound capabilities of the AAA chip set now on hold, Amiga hardware vendors have tried their best to bring the machine's sound capabilities kicking and screaming into the 16-bit age. SunRize were the first company to dip their toes in the 16-bit sound market

Aura connects to the A600 or A1200 via the PCMCIA credit card slot so you can't use it in conjunction with a PCMCIA memory card.

DOGODO 1824 SCS DOS DOS DES ANSSETANCES SAVESES FILTERS EAST MIDE (SED NORMEL RECORDING NOR

Aura can sample in 12-bit resolution either into one of eight windows (sample buffers) or even direct to hard disk.

Autible Pealth

with their brilliant AD516 card, closely followed by products such as Toccatta and WaveTools. Although these certainly give your average SoundBlaster a run for its money, they all fail in one major area – price. The AD516 costs about £700 and you wouldn't get much change from £350 for Tocatta or WaveTools.

When you consider that a 16-bit PC SoundBlaster-compatible card can be picked up for around £100 or less, the rather high price tag of Amiga 16-bit sound cards is almost laughable.

Microdeal tried their best to remedy the situation with the launch of Clarity 16, an external 16-bit sampling cartridge that connected to any Amiga model via the parallel port. Although the sound quality of Clarity could not be faulted, it failed to sell in large numbers and therefore never achieved the widespread software support that products of this type demand.

Learning from these early mistakes, HiSoft are back with a vengeance with Aura, a 12-bit sampling cartridge designed for the A600 and A1200. Not only is Aura about £50 cheaper than Clarity, but HiSoft have also ensured that it is supported by at

least one major music product prior to its launch, meaning that low-cost CD-quality sound could finally become a reality on the Amiga.

Aura is one of a growing number of hardware products that connects to an A600 or A1200 via the much under-rated PCMCIA credit card slot. Unfortunately, this means that you can't use Aura along with a PCMCIA memory card (or indeed any other peripheral that uses this slot). A1200 owners are unlikely to find this much of a problem, but if you've got an A600 you're likely to be less than impressed because it effectively means that you're limited to a maximum of 2Mb of Chip RAM (a sizeable chunk of which is taken up by the Aura sampling software) which limits the maximum size of your samples considerably.

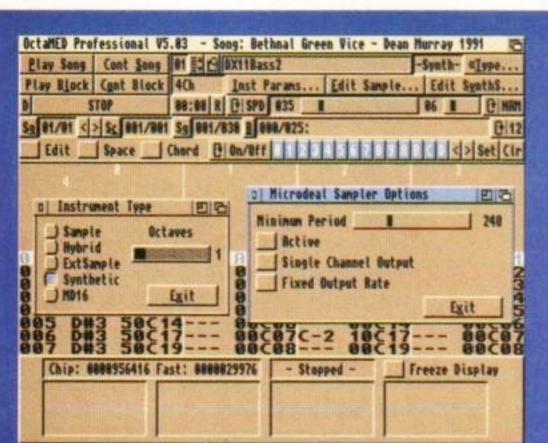
Although the case design leaves a lot to be desired (HiSoft are still using the same one for MicroDeal's AMAS sampler), the Aura hardware is impressive. Running along the rear of the Aura unit are six phono connectors which collectively form the entire range of input and output connectors that Aura requires to function.

The first of these – the Left and Right Input connectors – are pretty self explanatory. Like all samplers, *Aura* uses these for the input of a stereo sound signal (from a CD player, microphone or whatever) from which it can sample.

Next up we have a set of two phono connectors labelled Left and Right Output. Because Aura doesn't use the Amiga's own sound capabilities, these two connectors are used to relay the sound from Aura's own sound generators to a TV, monitor or even an external amplifier.

The two connectors labelled Left and Right Amiga provide Aura with the one feature that every Amiga sound card should have – a mixer that combines the output from Aura with the Amiga's own sound. What this means is that, when used

Continued overleaf ⇒



A special 12-bit version of RBF's OctaMED Professional has already been written to take advantage of the Aura's enhanced sound capabilities.

SOFTWARE SUPPORT

One of the main stumbling blocks of any new device is software support. Indeed, it was the complete lack of software support that killed off *Clarity 16*, HiSoft's earlier 16-bit sampler package. Not surprisingly, HiSoft have learned from this mistake and at least one *Aura*-aware package will be available by the time *Aura* hits the shelves.

Version 5.03 of RBF Software's OctaMED
Professional has been written to take advantage of
the cartridge's impressive sound capabilities, so you
can write music with OctaMED Professional that uses
all four channels of Amiga sound plus an extra
channel of 12-bit Aura sound. OK, so it doesn't sound
too inspiring but for such things as vocal samples and
warm sounds such as strings and pad sounds, this
extra channel of 12-bit Aura sound comes in very
handy. What's more, OctaMED's sample editor is also
fully 16-bit aware so it too can edit Aura samples.

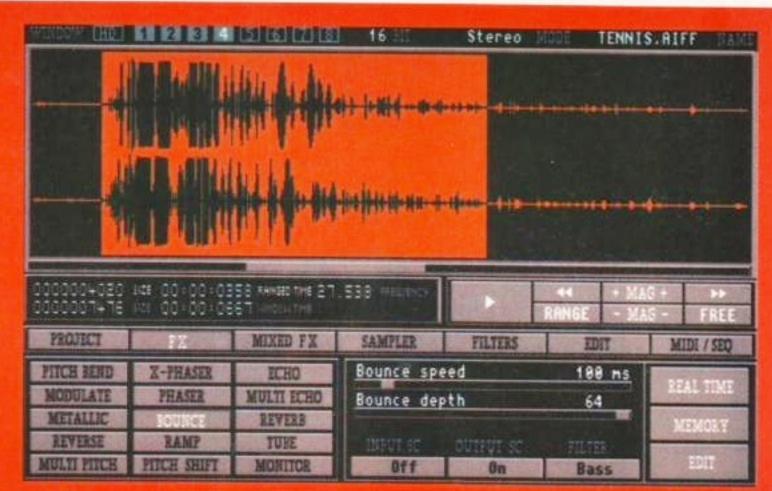


REAL-TIME EFFECTS

One of the most fascinating aspects of the Aura sampling software is its impressive range of effects which can be applied either to the current waveform in memory or even to the incoming sound source in real-time. These effects range from the usual echoes and cross fades to metallic (a phased effect), modulate (oscillates the sound), bounce (stereo bounce) and tube (a metallic echo effect).

OK, so effects are nothing new - HiSoft's own StereoMaster sampler and other rival samplers offer similar ones - but HiSoft have upped the stakes with the introduction of mixed effects. These are expanded effects that are built up by combining two effects - phased reverb, echoed modulation and so on. Although these new mixed effects offer nothing that couldn't be achieved by applying a combination of single effects, the added convenience and scope for experimentation is welcome.

Real-time effects are jolly useful too because you can use Aura as an effects unit for a synthesizer or other musical instrument. Most synthesizers used by professional musicians have banks of effects built in to them to 'fatten' the sound. Using Aura's real-time effects, you can achieve similar results without having to splash out on dedicated and expensive professional effects units.



Add all manner of effects to your sounds using both standard and mixed effects such as echoes, modulation and phasers.

with software that supports Aura, you can take advantage of both Aura's and the Amiga's sound capabilities simultaneously. HiSoft get top marks for this feature alone.

Aura isn't, as many people originally believed, a pure 16-bit sampler. Although the Aura sampling software processes samples at 16-bit resolution, the sampling hardware digitises and replays samples at 12-bit resolution. Surprisingly, however, the difference in sound quality isn't that noticeable, especially if you're used to the quality of budget 16-bit samplers such as Clarity 16. That said, don't expect Aura to sound anything like an expensive Akai sampler - these £1,000 plus dream samplers boast some very expensive filters that just aren't present in cheaper units.

Bundled with Aura is a comprehensive sample editing program that enables you to capture and replay 12-bit samples, clean them up, modify and generally mess around with them. Modelled on just about every other sample editor available for the Amiga, Aura's version can capture your samples in mono or stereo with the waveform being displayed graphically in the main window.

As with any sampler, the first thing you'll want to do is to grab a sample. The maximum sample rate offered by Aura depends very much on the speed of your machine. On my 030-based A1200, Aura was able to sample at a maximum rate of 61.72KHz. Quite why anybody would ever want to sample at such a high rate is beyond me - even professional samplers don't go above 48KHz simply because the human ear can't hear such high frequencies. Sampling at anything above 48KHz is just a complete waste of memory but at a much more sensible rate direct from CD Aura produces exceptionally good quality samples.

Unlike many samplers, Aura enables you to work on more than one sample at a time. Although you can only edit one sample, up to eight can be held in memory and you can flick backwards and forwards between them simply by selecting the appropriate window.

What's more, these samples don't have to be 12-bit. Aura happily loads and converts between 8, 12 and 16-bit sample resolutions. Which means that you can sample at a higher resolution and then knock the sample down to 8-bit for use in



Aura provides a wide range of editing tools which can be used to clean up any rough and ready samples.

non-Aura aware packages which give better sound quality.

Aura certainly isn't the be all and end all of Amiga sampling technology (SunRize's AD516 still wears that crown) but, for the price, it still represents very good value for money. Just like all of the other non-standard Amiga samplers on the market, the success of Aura rests on software support. Although HiSoft have persuaded Teijo Kinnunen into producing an Aura version of OctaMED Professional, it won't really take off until packages such as Music-X and Bars & Pipes Professional can support it. The problem is that other software vendors are less likely to jump on to the Aura bandwagon until HiSoft manage to shift large quantities.

If you put the issue of software support, or lack of it, to one side, you are left with a capable and well-designed sampler that, while not quite in the same league as the more professional units, certainly leaves standard Amiga 8-bit samplers for dead (yes, even AudioEngineer). The wide range of editing tools and special sampling effects that Aura provides are some of the best available.

Until Commodore (or whoever eventually gains control of the Amiga) decide to produce a 16-bit Paula chip, Aura is the best sampler available for the A1200 and A600.

AURA

0000

0000

DISTRIBUTOR

HiSoft 01525 718181

PRICE

£99

SYSTEM REQUIREMENTS A600/A1200 only.

SPEED

Sample editing is very rapid indeed. Aura's sample editor is one of the quickest on the market.

MANUAL

Like all HiSoft manuals, the Aura manual is well written and very easy to follow.

ACCESSIBILITY

0000 If you've ever used an Amiga sampler then you'll have no problems getting to grips with Aura.

FEATURES

The Aura sample editor can't be faulted but Aura really needs more than just two sound channels.

000

 $\circ \circ \circ \circ$

VALUE

Not cheap when compared to 8-bit samplers but Aura's sound quality is definitely worth the extra money.

"Aura is a very well-designed and great-sounding sampler that should do very well."

84%

All these packages are from Europress, the creators of our AMOS Pro Coverdisk, and now they are available through AF at specially reduced prices.



Call our order HOTLINE on 01225 822511

ADI GCSE MATHS

Description	ADI GCSE MATHS
RRP	£34.99
AF price	£29.99
Order code	AFEUR006

Conforming to the National Curriculum, ADI GCSE Maths has been created for pupils in the fourth and fifth years of senior education. The progressive exercises include geometry,

transformations, decimals, fractions, rotas, equations, using graphs, sequences, probability, calculating and measuring,

grapns,	sequenc	es, pro	Dability	, carci	ulating	anu	neasu
ΔD	I G	CS	E	=N	GI	15	н

Description	ADI GCSE ENGLISH		
RRP	£34.99		
AF price	£29.99		
Order code	AFEUR007		

Conforming to the National Curriculum, ADI GCSE English has been created for pupils in the fourth and fifth years of senior education. The progressive exercises include

spelling rules and patterns, the use of imagery, the structure of sentences, English comprehension, poetry, prose and drama, punctuation and much more.

ADI GCSE FRENCH

Description	ADI GCSE FRENCH
RRP	£34.99
AF price	£29.99
Order code	AFEUR008

Conforming to the National Curriculum, ADI GCSE French has been created for pupils in the fourth and fifth years of senior education. The progressive exercises include

adjectival agreement, perfect tense, future tense, common abbreviations, letter writing formulae, possessive and demonstrative pronouns and more.

Total order

AMOS PROFESSIONAL COMPILER



Speed up your AMOS Professional programs and squash them in size by up to 80% with the official compiler. Because our Coverdisk magicians have compressed the six disks of AMOS on to one, it is incompatible with the compiler. This version, therefore, also includes all six original AMOS Professional disks in

Description	AMOS PROFESSIONAL COMPILER
AF price	£34.99
Order code	AFEUR001

addition to a comprehensive user manual.

FUN SCHOOL SPELLING



Suitable for ages seven to adult through the three levels of difficulty, Spelling has six graphically delightful activities covering plurals, similes, suffixes, prefixes and homophones. The

dictionary includes words dyslexics can have difficulty with and you can add any

words your own children find troublesome. Conforming to National Curriculum guidelines,

Description FUN S	Spelling monitors the	
RRP	£25.99	
AF price	£21.99	with the aid o
Order code	AFEUR003	unique report

user's progress with the aid of a unique reporting system.

One of the most

FUN SCHOOL



RRP

Specially written for ages 7-11, Fun School Maths has three levels of difficulty so it can be utilised by children of all abilities. The five graphical games cover adding, subtraction, multiplication, decimals and fractions and demonstrate that maths does not have to be a dull, dry subject - it can be fun. Maths monitors the child's progress

and conforms to **FUN SCHOOL MATHS** the guidelines Description laid down by the £25.99 National AF price £21.99 Curriculum. AFEUR004 Order code

FUN SCHOOL PAINT & CREATE



Customers outside the UK add £4.00 for overseas delivery

Tick here if you don't want to receive special offers from other specially-selected companies

delightful children's packages ever produced, Paint & Create is designed for children aged five and up but can be used and enjoyed by all ages. The five programs include painting, drawing, a greetings card creator, a music activity

where the child controls a

AFMAG

rock band and a jigsaw designer which is astonishingly good fun.

Description	PAINT & CREATE
RRP	£25.99
AF price	£21.99
Order code	AFEUR005

AF EUROPRESS OFFERS FORM			Method of payment (please circle) Access Visa Cheque PO Please make cheques payable to: Future Publishing Limited ALL PRICES INCLUDE POSTING, PACKING AND VAT			
	Post Code		SEND THIS FORM TO: Amiga Format ,			
Phone Number			Future Publishing Limited, FREEPOST (BS4900),			
Description	Price	Order Code	Somerton, Somerset TA11 6BR			
			DO NOT SEND CASH, USE METHOD OF PAYMENTS LISTED ABOVE			
			EEC customers registered for VAT, please quote your registration number:			

SOFTWARE



A Virus killer is an essential purchase in these days when there are hundreds of Amiga viruses. Make sure your software collection is free from all known viruses.

£4.00

VIP4-2. VIRUS KILLERS



Wookbench 3 is good but Commodore forgot to include a few things, like a virus killer, a decent Text editor, a few leisurely games, more datatypes, a tiny clock, a file copier, a decent disk copier, a hard disk menu system and a few other things.
Only £7.00

SCF7-3. STUFF COMMODORE FORGOT



Star Trek the game is a superb interactive action/strategy game where you take control of all key personnel on the bridge. Great sfx & gfx. Only £6.00

STG6-3. STAR TREK - THE GAME



Now the winter's here, it's a good reason not to have to do the garden because you'll be too busy designing it.

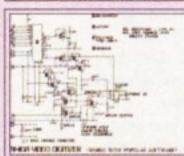
Only £3.00

GRN3-1. 3D GARDEN DESIGNER



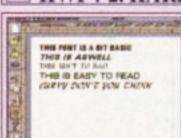
A two disk collection of various Scala background textures. Wood, paper, etc. Gives your Scala production a more professional finish. Only £6.00

SCA6-2. SCALA TEXTURES



Make your own hardware and save £££s. Sound samplers, memory expansions, Bridgeboards are all here. Includes complete diagrams. Only £4.00

HWP4-2. HARDWARE PROJECTS 2



Forty top quality compugraphic fonts for use with WB2/3. Pagestream, Wordworth, D Paint 4 etc. etc.

Only £7.00

PSF7-3. COMPUGRAPHIC FONTS



Priority Order Form

Exp.

which is supplied with these titles.

with Kickstart 2 or 3.

Four all time classic board games. Scrabble, Cluedo, Snakes and Ladders, and Monopoly. Great fun for all the family.

All for only £10.00

Amiga model Payment

Credit Card No.....

All clipart images are stored as IFF so they can be used in any Amiga DTP or

paint package. Packs ITX 12-6 & HWP4-2 require some knowledge of LHA,

Kickstart 2/3 means you require an A500+, A600, A1200 or any machine fitted

AGA means you will require either an A1200 or A4000 to use that particular title.

BDG10-4. BOARD GAMES



This is the most powerful Amiga disk duplicator available. In fact the authors say that if you can't copy something they'll give you your money back. Includes s/w & hardware

Special Price £29.95

SXCP30-1. XCOPY PRO.



Fifty stunning AGA images in 256 colours. All of which will blow your mind. All run as a slideshow for ease of viewing.

Only £15.00

GRL15-10. BATHING BABES AGA



News Maker allows you to create great looking documents. Try desktop publishing for yourself and see just how brilliant it really is on the Amiga. All for only £4.00

NRL4-1. NEWS MAKER



Features all you need to crunch, archive & decrunch any file or disk. Includes DMS the Disk masher, Powerpacker, LHA etc.

Only £5.00

CRM5-2. CRUNCH MANIA



Over 1000 Top Amiga game cheats on five disks. Includes all popular titles like: Monkey Island, Project X etc, etc.

Only £9.00

CHT9-5. 1000 GAME CHEATS



Over 70 top quality Imagine objects on five great disks. Subjects include: Vehicles, Animals, Star Trek and loads more miscellaneous objects. Only £10.00

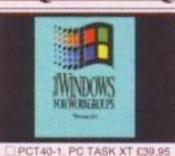
IOD10-5. IMAGINE OBJECTS 2



Hundreds of general knowledge questions. Subjects include: Sport, Films, Music, Science, Geography. Test your knowledge with this excellent Trivia game.

Only £5.00

QUZ5-2. QUIZ MASTER



Postcode.....

Run PCAT software on your Amiga. Supports VGA on the A1200 or A4000. Works with your Hard Disk, Floppy Drive, Serial, Parallel & mouse ports. Runs Windows

£89.95

Order Value

ALL TITLES ADVERTISED ARE IN STOCK

READY FOR DESPATCH

PCT90-1. PC TASK AT "486"

Individually priced

Other Items

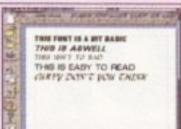
Total goods value

Postage & Packing

Amount enclosed

Amount of Packs

XXX10-5. PACK TITLE



A five disk set of around 100 top quality fonts for use with Wordworth 2 or 3. Simply install them and they're ready to use.

Only £10.00

WWF10-5. WORDWORTH FONTS



A complete Word Processing package. Features all standard options like: cut, paste, tab, spell check etc. A very easy to use package.

Only £3.00

TXE3-1. WORD PROCESSING



Don't forget to ask for them



RDS3-1. RDS Professional Create your own fascinating Random dot Stereograms, very



Get your finances in order with this excellent package. Take a closer look at your bank accounts, find out where all your money goes every month.

FIN7-3. FINANCE



MWB3-1. MAGIC WORKBENCH £3.00

A two disk set of extra backgrounds, Icons etc. for use with Magic Workbench. Requires KS2/3.

Only £5.00

MWE5-2. MAGIC WB EXTRAS



The most professional word search, crossword solver available on the Amiga. Includes a dictionary of over 58,000 words, and you can add your own.

Only £5.00

WFP5-2. WORD FINDER PRO.



=£

=£

50p in the UK

If you're new to the Amiga, then you may be having problems with missing Libraries on your workbench that are needed to run particular software. Order this now and solve those problems.

£2.00

Washingto also place all popular libraries inc. Powerpacker EFB2-1. ESSENTIAL FOR BEGINNERS

Ordering by post Simply send us a written order with a fist of the disks you require, or simply tick the boxes of the titles you require, fill in your name and address, remove or photocopy this page and send it along with full payment to: Epic Marketing, 138-139 Victoria Rd, Swindon, Wiltshire, SN1 3BU. Collecting disks

PD disks can be collected same day, but if your order is quite large, please phone in a few hours previous to pick-up. Overseas Orders Overseas orders are welcome, but please add £1.00 to each

title ordered, & a minimum of 5 titles apply Postage & Packing Please add a total of 50p to your order if in the UK for floppy disk orders. Add £1.00 per CD in UK. Overseas please add £1.00 to each pack ordered for 1st class delivery

and £2.00 per CD ROM title ordered. Compatibility

All titles advertised should work on any Amiga unless stated. AGA means that it only works on A1200/A4000. KS2/3 means that title requires an A500+/A600/A1200. Ordering by phone

To place an order over the phone simply call any time between 9.30 & 5.30pm Monday to Saturday with your credit card details and the disks you would like to order. (Orders can usually be placed up to 6pm every evening)

A selection of tools for degrading your A1200 down to a 500. Very easy to use, but extremely effective way of running old games etc.

Only £4.00

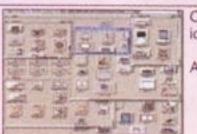
DEG4-2. A1200 DEGRADERS



LOTTERY WINNER. Can predict the National Lottery results with as little as just 4 weeks data. The more data you input the more accurate the results.

£3.00

LPW3-1. LOTTERY WINNER



Over 3500 top quality Amiga icons for use in workbench.

A bargain at just. £5.00

4 DISKS CRAMMED FULL AIA5-4. ICON ARCHIVE



If you want to be a budding Ian Beale or Floyd then THE GOURMET COOK BOOK is a good way to get started. over 50 recipes included.

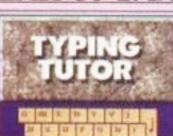
Only £3.00

GCB3-1. THE COOK BOOK



Double the space available on your hard disk. If you have an 80meg drive this will give you over 150meg of available space. Runs silently in the background. Only £5.00

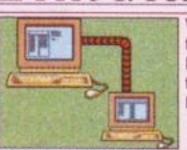
EPU5-2. DISK DOUBLER



Learning to type can be a difficult task, but not when you get a copy of our classic typing tutors. Includes three games to help you learn to type.

Only £3.00

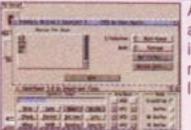
TYP3-1. TYPING TUTORS



Whether you want to link two Amigas together, or 2 PCs or Amiga to PC, then this package will suit you. Easy to install.

Only £8.00

COM8-3. NETWORKING



An essential purchase for all Hard disk owners, includes backup tools, file managers, virus tools and loads more.

Only £4.00

HDT4-2. HARD DISK TOOLS

X-CAD 2000

One of the most powerful Computer Aided Design packages available on the Amiga. Now at an unbelievable price.

Order Code XCD30-1. Only £29.95 + £5 P&P

Connect your CD32 to your Amiga for easy transfer of ALL CD Rom disks. Complete with leads + CD Rom boot software.

CDL35-1. Only £34.95 + £1.00 P&P

Epic Marketing, First Floor Offices, Victoria Centre, 138-139 Victoria Rd, Swindon, Wilts. SN1 3BU. Tel: 0793 490988







Order hotline: 0793 490988 Fax: 514187





Megaball V3 is most definitely the best ever "Break-out" game available. Superb AGA graphics, music and gameplay make this an all time classic.

Only £3.00

MGB3-1. MEGABALL AGA



Over 100 all time classic games including: Breakout, Pacman, Space Invaders, Snakes, loads of puzzle games and more. Only £10.00

GG10-4. 101 GAMES



f you're into Imagine then this fantastic new Objects disk will amaze you. Objects include: Delta Fighter, Soul Hunter, Tyranid and Vorlon One Space Craft.

Only £4.00

BLF4-1. BABYLON 5 OBJECTS



A selection of superb girly pictures to place in the background of your Workbench

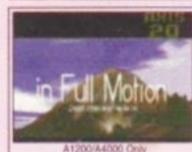
Only £5.00

WGB5-2 WORKBENCH BACKDROPS



Whether you run a small business or just need to go computerised then this superb easy to use integrated package is what you want.

IFC7-3. LITTLE OFFICE



This is the most impressive AGA demonstration available. If you want to impress someone, then this is what will do it. Features a brill BJorg soundtrack.

Only £4.00

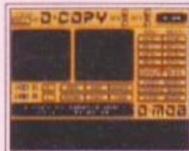
BTS4-2. BIG TIME SENSUALITY



Large range of Textures for use in Imagine. Render your objects in a variety of shades, colours and textures. Compatible with all Amigas.

Only £12.00

ITX12-7. IMAGINE TEXTURES



A compilation of very powerful disk copiers, make backups of your software collection with ease.

Only £5.00

CPY5-2. DISK COPIERS



Seventy bitmap fonts for use in almost any package including Deluxe Paint. Also features a fantastic font editor for designing or customising your own fonts. Only £7.00

FNT7-3. FONTS & EDITOR



Tetris is the most addictive game in the world, and that's a fact. This is a compilation of five of the best. Best graphics, best sound and best playability. Only £9.00

TET9-5. TETRIS MAYHEM



Inside Engines is a compilation of in-depth animation sequences showing you the workings of all the most popular engine types.

Only £9.00

ENG9-5. INSIDE ENGINES



Hundreds of high quality professional clipart images. Subjects include: Transport, People, Computers, Xmas and loads more. A much wider scope.

Only £13.00

GFX13-10. PRO CLIPART

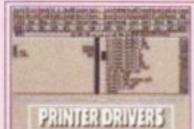


SEHAD-I SPECCY EM + INTERFACE + GAMES ESI (IS

Over 100 all time classic Spectrum games ready to use on the Spectrum emulator. Inc: Jet Set Willy, Skool Daze, Attic Atak, Star Trek, Uridium and loads more

Only £15.00

SPG15-7. SPECCY GAMES



A selection of printer drivers including all popular printers such as: Hewlett Packard, Star, Panasonic, Epson, IBM, OKI, Seikosha, Postscript etc. Only £3.00

DRV3-1. PRINTER DRIVERS



Contains a selection of Video titlers, Video wipes & backdrops. Great for creating professional home movies. All you

Only £12.00

VID12-6. VIDEO STUFF



you've just purchased your Amiga you may be a bit boggled how to use it properly. Well this five disk set takes you step by step through every basic thing £9.00

ABG9-5. BEGINNER'S GUIDE



A collection of Amiga card games including: Poker, Craps, Solitaire etc. Great fun for all the family.

Only £10.00

CRD10-4. CARD GAMES



Over 200 Workbench 2 or 3 utilities/tools, including: text editors, virus killers, disk editors, sound & graphic tools and loads

Only £3.00

TU3-1. 203 UTILITIES



Klondike the card game features unbelievable 256 colour hi-res graphics. A data disk featuring Star Trek card designs is also available separately. Only £6.00

KLD6-3. KLONDIKE AGA



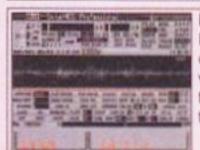
A range of clipart for use with Pagesetter, Dozens of subjects including: People, Vehicles, Animals Computers, Sport etc, etc. Only £3.00

MPC3-1. PAGESETTER ART

The complete system analyser. Test your drives, memory, keyboard, mouse, expansions and all your custom chips etc.

Only £3.00

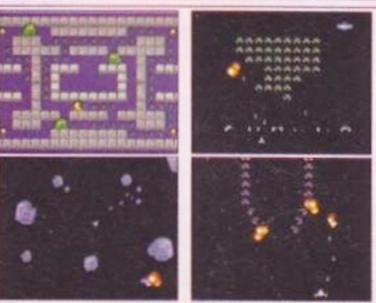
ENK3-1. ENGINEER'S KIT



Hundreds of high quality IFF samples, including: drums, guitars, bass, vocals and beats. Perfect for Music X, Med or any tracker clone.

Only £7.00

SAM7-5. IFF SAMPLES



ARC6-4. ARCADE CLASSICS

Features 4 all time classics. New & old versions of Pacman, Space Invaders. Asteroids and Galaxians. Remember the good old days for now only £6.00.



An essential tool for installing workbench on your new hard disk. Easy to use either on the A600 or A1200.

Only £7.00

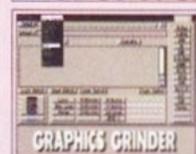
AHD7-2. HARD DISK INSTALLER



Organise your entertainment media with this set of cataloguing tools. Video, CD and disks are all catered for.

Only £5.00

CTG5-3. CATALOGERS



Convert graphics formats between PCX, GIFF, IFF. TIFF etc. Easy to use ...

Only £5.00

GFC5-2. GFX CONVERTER



A two disk collection of professional looking textures for use in Lightwave.

Only £5.00

LWT5-2. LIGHTWAVE TEXTURES



A superb new interactive tutorial system for use with any version of Imagine.

Only £4.00

IBS4-2. IMAGINE BUDDY SYSTEM



Another great puzzle game for adults. A pint of the best, a packet of peanuts and a good game of Centrefold Squares. "What a life!"

Only £8.00

CFS8-1. CENTREFOLD SQUARES



housands of useful tools, demos, games and graphics, Imagine objects, and loads more.

Only £19.95

CDPD IV COLLECTION



Over 3000 AGA pictures of beautiful ladies. Stunning images in up to 256 colours. Complete with powerful picture viewer.

Only £19.95

ADULT SENSATION CD



This CD ROM title includes all of 17 Bits latest titles, hundreds of demos, utilities, games etc. All for an amazing price of

just £19.99

17 BIT PHASE 4



Thousands of archived tools, including: patches, Dir tools, music, graphics, AGA tools, workbench tools. It'll take you months to sift through this lot.

Only £19.99

AMINET 4 CD ROM



NEW! NEW! Features the Spectrum Emulator and over 500 all time classic Spectrum games on one CD ROM.

Only £19.95

SPECCY SENSATION CD



Play Poker with some of the most lovely ladies in the world. Includes superb graphics and digitised

Now Only £10.00

DSP10-1. DELUXE STRIP POKER 2



Whether you're a complete beginner at chess or a champion, JI CHESS has something for you. Superb graphics and speech make this a great software title.

Only £4.00 JIT4-1. CHESS & TUTOR 2 MEG



An alternative day at the butchers, and that's not Frank Butcher's. This game has more Blood 'n' Guts in it than a juicy Doner Kebab. Great fun.

Only £3.00

ZAT3-1. ZOMBIE 2 AGA



A collection of great fun educational games for children under 7. Maths, spelling, speed, etc. are all included in this excellent compilation.

Only £9.00 **EDU9-4. EDUCATIONAL**

PASSWORD

Stop other people from accessing your floppy or hard disks, by putting a customised password on your disk. Also contains file encryption tools.

Only £10.00

PSW10-4. PASSWORD



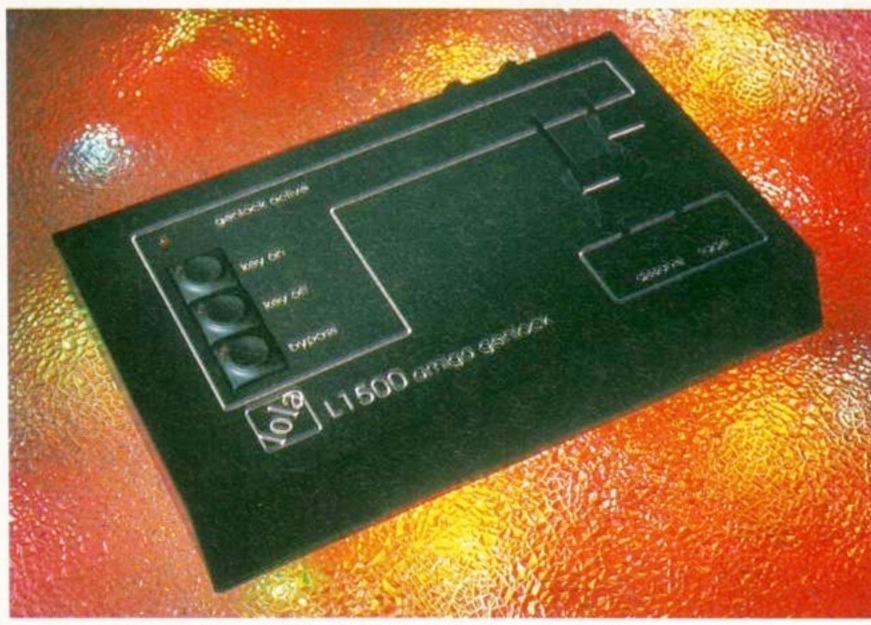
Jason Holborn lifts the lid on Lola's new L1500, the first genlock to make use of the company's new custom video chip.

he prices of Amiga genlocks may have tumbled faster than the popularity ratings of the Conservative Party but the genlocks themselves have changed very little. Although modern genlocks now have fancy sliders and faders, professional video wipes and all manner of new wizardry, the electronics responsible for encoding and keying the video signals that pass through the genlock are virtually unchanged.

Lola have taken perhaps the first major step forward in genlocking technology for many years with the launch of their new L1500 genlock, an entry level compositeonly genlock based around their new 1452-01 custom chip which - Lola claim provides the genlock with features previously only to be found in units costing many times the price of the L1500.

Like all Lola's genlocks, the L1500 won't win any awards for design, although it's a vast improvement on their previous efforts. The L1500 may feel clunky but it's robust.





The new L1500 genlock from Lola is a breakthrough in budget genlocking.

The fascia has two sets of controls three mode buttons (used to switch between keying modes) and two sliders which provide progressive dissolve and fade control. These two sliders have a smooth action, allowing you to fade your titles in and out without any sticking or jumping. The three mode buttons are better than the usual push-button-style controls too because they have a positive (yet not heavy) click to them, plus a built in LED that shows which button is selected.

The L1500's connectors are a joy to behold too. At the rear of the genlock are the usual RGB input and passthru connectors plus two BNC bayonet-style connectors which are used to feed the live video signal to the genlock and the keyed output signal to your destination video deck. If you'd rather use phono connectors, Lola include two BNC-tophono adaptors at no extra cost.

The most interesting connector of all, however, is a little 9-pin D connector which allows you to connect a chromakey to the L1500. Lola's new sub-£200 L1550

ChromaKey can connect directly to this port and allows you to create weird and wonderful blue screen effects along the same lines as Roctec's successful RocKey chromakey.

Connecting up the L1500 is easy and getting started is even easier. Feeding the genlock a composite signal from a Panasonic Nicam video, the results were very good - dot crawl was minimal and colour bleeding non existent. Better still, the L1500 is the only genlock I have ever used that can overlay titles on to a paused video signal (normal genlocks lose sync when the live video signal is paused).

The L1500 isn't the best value genlock around - GVP's S-VHS compatible G-Lock is at the top of the tree - but the L1500 still represents a genuine breakthrough in budget genlocking technology. Lola claim that an S-VHS version of the L1500 will be released soon and so it would make sense to wait for this genlock if you need S-VHS compatibility. If you can get by without it, however, buy the L1500.

SUPER CHIP FACTS

The heart of the L1500 is Lola's revolutionary new 1452-01 custom genlocking chip, a super slab of silicon that gives the L1500 features normally found only in professional broadcast quality genlocks. Here's a taster of its many talents.

Enhanced Horizontal System: Maintains the composite encoded output from the Amiga even when no live video signal is fed to the genlock.

Digital Delay Compensation: Provides much better quality keying of the Amiga's graphics on to the live video source, giving sharper picture quality.

Non-standard Signal Locking: Allows the L1500 to lock to nonstandard video signals such as the output from domestic VCRs when in fast forward, rewind or pause modes.

Vertical Offset Correction: Removes the six-line vertical jump typical of all other Amiga genlocks when the video input signal is removed.

Non-Interlaced Locking: Locks to non-interlaced video signals such as the output from other computers and security cameras.

L1500

DISTRIBUTOR

Lola Marketing 01858 880182

PRICE £176.25

FEATURES

With selectable key modes and a full range of fade options, the L1500 is very well endowed.

MANUAL

0000

0000

Short but to the point, the L1500's manual is clear and easy to follow.

ACCESSIBILITY

0000 Thanks to the L1500's logical design, most video fans could probably set it up with their eyes closed.

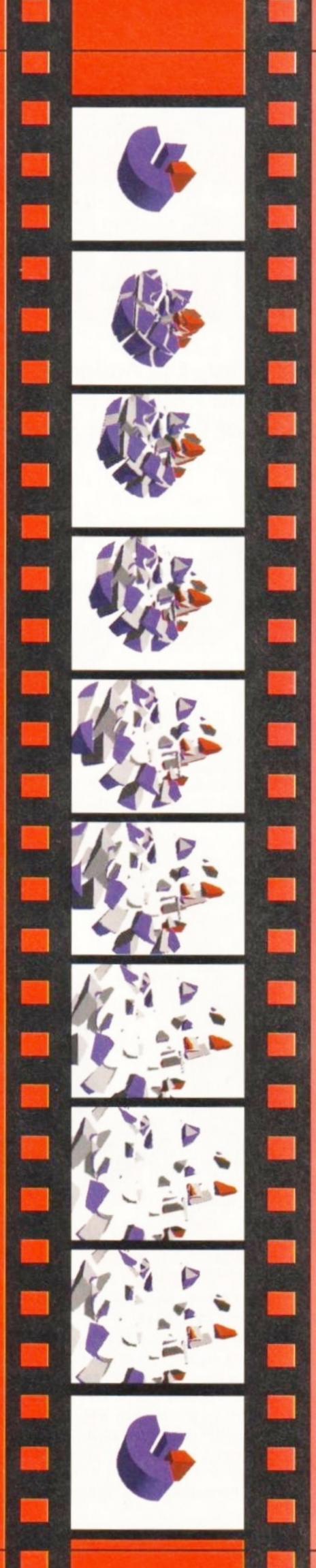
VALUE 0000 Not the cheapest genlock available

but - as the old saying goes - you get what you pay for (and then some!).

"Lola's new L1500 is the best lowcost composite genlock available for the Amiga."

90%





NEXT MONTH IN A SHOPPER

COMMODORE - THE REAL STORY

In the next issue we will be taking a long hard look at the rise and fall of Commodore. Where did they begin? Why did they fail? Where are the people who built the Amiga now? What are the real facts behind the liquidation of Commodore International? When they make the film "The Decline and Fall of the Commodore Empire", who will play Medhi Ali? Dan Stets (of the Philadelphia Enquirer) finds out what really happened to the big C and where the people that made it happen are now.

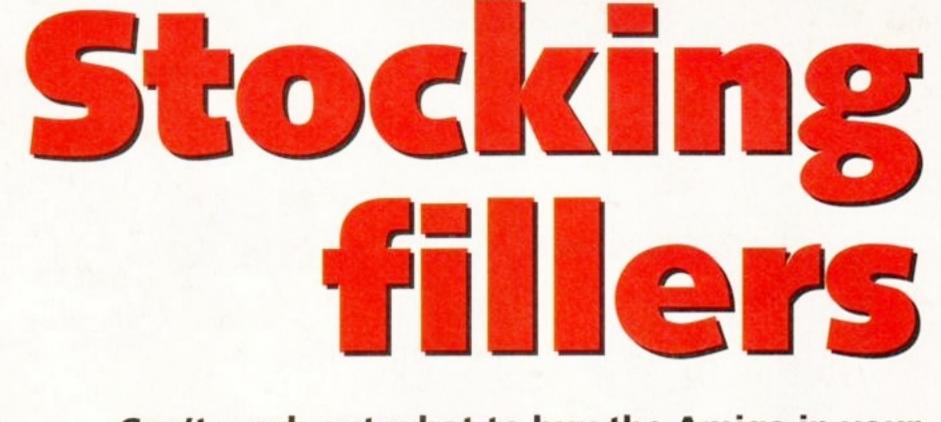
Amiga Shopper - it's more fun than dropping your enemies into a shark-infested bathtub. Don't miss it!

On sale Tuesday 3 January - £2.50

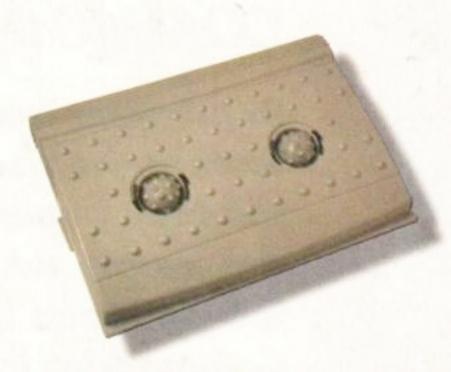
SUPPLEMENT AHOY!

Want to find out what this Amiga Shopper business is all about? Turn to page 131 for our special 16 page supplement: The best of Amiga Shopper 1994





Can't work out what to buy the Amiga in your life for Christmas? Jason Holborn provides a sackful of festive suggestions.



FOOT MASSAGER

£19.95 Golden Image 0181-900 9291

The Amiga may be the friendliest computer ever invented but is your working environment ergonomically friendly? If not, then this foot massager from Golden Image is just the thing for those long, hard gaming sessions. While you're fighting to save the universe, rest your feet and feel all your stress and tension disappear.



COMPUTER OPTICS SPECTACLES

£32.99 Gepro 01689 851206

Protect your eyes from the harmful effects of monitor radiation with these trendy specs from Gepro. Modelled in lightweight black plastic, Gepro claim that their specs protect your eyes from ultraviolet light and electromagnetic radiation (even if the rest of you still gets fried).



INKJET REFILL

£6/£11 ■ Abcon Computer Services ■ 01708 751211

Inkjet cartridges are terribly expensive and so this inkjet refill kit from Abcon Computer Services is a great way of saving your pennies. It's available in two forms – mono (£6), or colour (£11). The refill kits include everything you need to refill the ink cartridge of just about any make of inkjet printer.

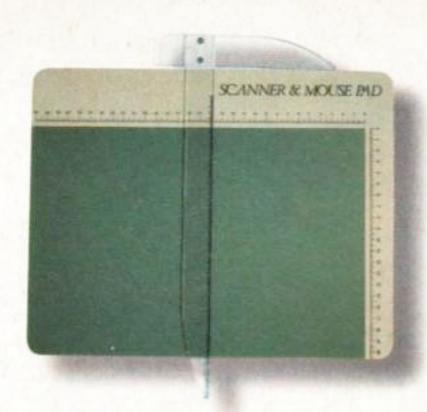


ERGOSTICK/TAC 30 JOYSTICKS

£17.99/£10.99 **M** AF Mail Order **1** 01225 822511

Give Kitana a good kickin' and beat the living daylights out of Baraka with one of these two joysticks from *Amiga Format*'s own mail order peeps. They are just the ticket for getting those high scores. The Ergostick is an ergonomically designed soft joystick that sits comfortably in the palm of your hand while the Tac 30 is a more traditional helicopter-style joystick.





SCANNER & MOUSE PAD

£9.95 Golden Image Ltd **0181-900 9291**

This combined scanner pad and mouse mat is the ideal present for scanner-owning Amiga users. It provides a quick and easy method of scanning images without having to worry about keeping the scanner in a straight line. It also helps to anchor the page that you're scanning as well as providing a smooth surface for both your scanner and mouse.



CLOCK CARTRIDGE £17.99 AF Mail Order **01225 822511**

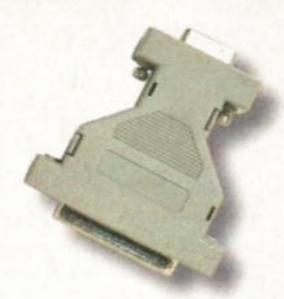
Due to reasons known only to Commodore, not all Amigas feature a battery-backed clock, a little device that lets your Amiga date stamp files so that you know when they are updated. This great little clock cartridge is the answer. Simply plug it in to the parallel port of your Amiga and run the included software.



CD32 COMPETITION PRO £19.99 AF Mail Order

01225 822511

It's a well known fact that the CD32's own hand controller isn't the most comfortable gamepad around. Modelled on the Sega Mega Drive's gamepad controller (far more comfortable), the Competition Pro gamepad is fully CD32-compatible. Boasting all the CD32's various buttons, the Competition Pro also features turbo and autofire controls for every button.



VGA ADAPTOR

£15 Power Computing 01234 273000

If you own an A1200 or an A4000 then you can use this handy little VGA adaptor from Power Computing to connect any standard 15-pin VGA monitor to your Amiga. Alternatively, it can also be used as a replacement for Commodore's own adaptor bundled with the 1940 or 1942 monitors - should they decide to give up the ghost.



MOUSE AND MAT

£12.95 AF Mail Order **■** 01225 822511

The Amiga's own mouse is a fairly sturdy fellow but he's not going to last forever. When that sad day of his demise comes, this bundle consisting of a high-quality mouse and an easy-to-clean mouse mat is the ideal present for the Amiga in your life. The mouse, which can be used on both the Amiga and an Atari ST, has two micro-switched mouse buttons and high-resolution running gear.



£14.99 (each)

AF Mail Order **1** 01225 822511

If the Christmas telly just isn't to your liking then why not settle down in front of the gogglebox with one of Amiga Format's excellent videos? Each video has been expertly produced by our own team of techies to bring you the most in depth videos available. Whether you're a seasoned expert or a beginner, you'll find our videos concise and very easy to follow.



G395 HELICOPTER MISSION - Superb Desert strike clone. Three

different helicopters, each with their own missions. Warning all text

G396 PENGO 2 - Zip your Penguin buddy through the ice cave

players. Slams, punches, shoulder blocks, elbows, jump's off the

G399 DYNAMITE WARRIORS 2 - Incredible Dynablasters clone.

different abilities and special moves. One amazing game. WB 3.0+ ONLY, REQUIRES AT LEAST ONE MEG OF EXTRA FAST RAM

interplanetary strategy game of evolution and survival. NOT WB 1.3.

G407 X-MEN CARDS - Cardset for Klondike Deluxe. A1200 ONLY.

machine game with all the bells and whistles you'll see in a modern

G410-G411 (2 DISKS) MISSILES OVER XERION - Remember the

classic game Missile Command. This is a complete overhaul of the

original concept with new super cool graphics, power ups and

G412 SWIMSUIT CARDS - Cardset for Klondike Deluxe II and III.

G413 STAR WARS CARDS - Cardset for Klondike Deluxe II & III.

G414 EMPIRE STRIKES BACK CARDS - Cardset for Klondike

G416 DR WHO CARDS - Cardset for Klondike Deluxe II and III.

Due the size of the cardset it has been archived with LHA. You will

G417 FAST CARS CARDS - Cardset for Klondike Deluxe II & III.

G418 PINGWYNNE - Arcade Penguin game with digitised speech

G300 VCHESS v3.1 · One of the strongest computer Chess games

around, with more extra features than most commercial ones. NOT

G419-G420 (2 DISKS) STARWOIDS - Inspired by the game Thrust

and the Star Wars film trilogy, this is a real hot looking shareware

game. Recently reviewed (and highly rated) in AF. WB 3.0+ ONLY.

G421 TOP HAT WILLY - Remember Jet Set Willy on the old 8 bit

G322 AUTO MOBILES V1.11 - New release of this Skid Marks type

racing game. More tracks, improved car control and loads of other

G366 ELLE McPHERSON CARDSET - Cards for Klondike Deluxe

G371 SUPER OBLITERATION - Amazing Pang clone. Top game.

G361-G364 (4 DISKS) SPECTRUM GAMES 1-4 - Games for the

G373-G378 (6 DISKS) SPECTRUM GAMES 6-10 - More game for

G283-G285 (3 DISKS) KLONDIKE DELUXE AGA - Card game in

G442 TMA - Linear Sci Fi space puzzle shoot-em-up (what a mouthful!). Very good. NOT WB 13.
G387 MONOPOLY v1.1 -Great computer conversion of the board

game. G383 ROCKETZ - 1 or 2 player spit screen Trust spin off. Utilises

G344 SHEPHERD - Based on Populas, the classic God game. Looks amazing. NOT WB 1.3

256 colours. Superb. Look out for the great cardsets.

raytraced graphics for he ships. Wow. WB 3.0+ ONLY

computers, well this platform game is based on that classic.

G415 RETURN OF THE JEDI CARDS - Cardset for Klondike

G408 TEAM TETRIS - New Tetris variation that is played by two

players at the same time. Requires cooperation between players.

G409 AMBASSADOR FRUIT MACHINE V2.0 - Superb fruit

G397-G398 (2 DISKS) INTERNATIONAL WRESTLING

1 to 4 player addictive arcade action. Not to be missed.

G406 COLONIAL CONQUEST II - Takes elements from

Microprose's Civilization and implements them into this

G400-G405 (6 DISKS) THE ART OF BREAKING HEADS

Massive beat-em-up with a choice of different characters with

ring post and loads of other bone crunching moves.

CHAMPIONSHIP - Fantastic wrestling game for one or two

arcade game of the 80's.

mazes squashing the baddies. Great fun.

is written in German.

REQUIRES 2 MEG.

Deluxe II and III.

Deluxe II & III.

day arcade. WB 3.0 ONLY

have to sort this out for yourself.

samples of Graemme Taylor!!!!!!!

improvements. Brilliant graphics.

Spectrum emulator

WB 3.0+ ONLY.

the Spectrum emulator.

ALL TITLES ARE COMPATIBLE WITH ALL AMIGA'S UNLESS STATED OTHERWISE

NOT WB 1.3 = Not compatible with A500's with Kickstart 1.3. W8 3.0+ = Only compatible with AGA amiga's with kickstart 3.0 or above.

U512 AF COPY v4 - Directory Opus type file manager with

of class with these superb 256 colour icons. WB 3.0+ ONLY.

U514 IMAGINE 3.0 TEXTURES GUIDE - For Imagine 3.0 only.

U513 256 COLOUR ICONS - Give your Workbench an extra touch

U515 MUI v2.2 - Due to popular demand, Multi User Interface, NOT

U516-U517 (2 DISKS) PAGESTREAM v3C PATCH - Upgrades the

U518 VIRTUAL MEMORY MANAGER V2.1 - Turns your hard drive

memory. Requires a 68040 or 68030 CPU with MMU. NOT WB 1.3.

U519-U520 (2 DISKS) MAGIC WORKBENCH ICONS 3 - For amiga

U523-U526 (4 DISKS) VIDEO TRACKER EXTRAS - Four disks full

U527 FONT FARM 9 - Masses of Bitmap fonts for use with Deluxe

U529 HARD DRIVE GAME INSTALLERS - Games installers for

Alien Breed AGA, Assassin SE, Body Blows, Body Blows 2 ECS,

U310 PAY ADVICE ANALSYER 4.2 - Shareware wage slip

U531 ACTION REPLAY PRO - Software Action Replay. Rip

Goal, Ishar 2, Lemmings 2, Ruff and Tumble, Super Stardust, Super Frog, Zool 2 ECS, Walker. Alien Breed 2 Tower Assualt. NOT WB

U530 AUTO STEREOGRAM v2.d - Generates those amazing 3D

graphics, music, train games etc.... WB 3.0+ ONLY.
U532 MORE 256 COLOUR ICONS - Loads more great icons plus

U533 ACCOUNT MASTER v3c - Shareware personal accounts manager. Very professional with many features. Limited Shareware

U451 SPECTRUM EMULATOR v2.0 - New version of the Spectrum

U434 VIRUS WORKSHOP v4.2 - Just out. Powerful multi-function

LI486 DISK MAG CREATOR v1.21 - Produce your own disk

extensions adding more commands to both languages.

U342 SUPERLEAGUE 3.51 - Football league database and

U449 ZXAM SPECTRUM EMULATOR AGA v1.3 -

possible. Includes games. WB 3.0+ ONLY.

U366 TRONI CAD - Schematic designing software.

U423 X BEAT PRO - Drum kit music package

U412 V MORPH v2.30 - For morphing pictures.

Useful for hard drives with faulty tracks.

capacity of your hard drive. NOT WB 1.3

more memory the better. NOT WB 1.3.

U281 D-COPY 3.1 - Disk copier. A bit like X-Copy.

Lottery numbers, and use this

Hard drive only. NOT WB 1.3.

procedures. Essential tool to have handy. NOT WB 1.3.

Supports CrossDOS. NOT WB 1.3.

Optimised Speccy emulator to run games as fast as

U443 AMIGA DOS GUIDE v1.0 - Provides useful help on

of the common Dos error codes explained in English, etc...

what the DOS commands are and what they do. Plus many

U437 AMOS EXTENSIONS - Seven great Amos/Amos Pro

U581 MSDOS FOR AMIGADOS v2.3 - Adds MSDOS commands to

AmigaDOS. For users torn between two computers. Hard drive only.

U327 DISKSALV 2 - Recovers corrupted data with various powerful

U415 FORCASTER v2.0b - Horse racing prediction. NOT WB 1.3.

U158 NO ERRORS - Formats disks hiding, any fatal hard errors.

U582-U583 (2 DISKS) EAGLE PLAYER v1.53f - Powerful music

U329 EPU STAKKER - Compressor that hides in the background of

excellent fax software for fax modems. Hard drive installation only.

U592 REND24 1.5a - Powerful image conversion programme. The

indecision out of selecting your National

U580 LOTTERY WINNER - Take the

programme instead. WB 3.0+ ONLY.

odule player. Suports just about every Amiga format known.

your Workbench. Can compress data up to 50%, doubling the

U591 AMIGA FAX 1.40 - Latest shareware version of this

nto virtual memory which will increase your overall computer

users aspiring for that Workbench beautiful look. NOT WB 1.3.

U521 VIDEOTRACKER 2 AGA - Create amazing looking AGA

U522 VIDEOTRACKER 2 OCS - Videotracker for non AGA

demos with no coding experience. WB 3.0+ ONLY.

U528 FONT FARM 10 - More lovely bitmap fonts.

database. Limited shareware version. NOT WB 1.3.

random dot stereogram pictures. NOT WB 1.3.

an AGA icon editor. WB 3.0+ ONLY.

emulator. Includes some games.

virus checker and killer. NOT WB 1.3.

configurational buttons. NOT WB 1.3.

earlier bug ridden version of Pagestream 3.

of extra effect routines and objects, etc...

amiga's, NOT WB 1.3.

Paint, Workbench, etc.

release. NOT WB 1.3.

magazines with ease.

statistics analyser

CHOOSE ONE FREE EXTRA PO DISK FOR EVERY 10 PD DISKS PURCHASED. OFFER ONLY APPLIES TO PUBLIC DOMAIN

MERRY CHRISTMAS TO ALL AMIGA FORMAT READERS

DISKS AT £1.00 PER DISK.



D228 BEAUTY PACK 1 - Collection of the best intro's around. Intro's are mini demos.

D229 BEAUTY PACK 2 - More great intro's for demo collectors. D230 BEAUTY PACK 3 - Another well presented pack of intro's D231 BEAUTY PACK 4 - The last in the series of intro's from the top euro coding groups.

D232 BAD ZOOM - Rubbish visuals but funky music track. I like it! D233 TRACKERS 242 - Great follow up to the original ground breaker. If you only have 2 meg, disable all external drives (inc.

D234 VITAL - From up and coming coding group, Mystic. WB 3.0+

D235-D237 (3 DISKS) MAXIMUM OVERDRIVE II - One impressive RAGE production. If you remember Maximum Overdrive you'll have an idea of what to expect. This is 100 times better. WB

D238 BAZZA & RUNT - A must get demo. Real cool. WB 3.0+

D239 BALLABORNTRO - Wicked rave demo. WB 3.0+ ONLY, D240-D241 (2 DISKS) ARTIFICE - From the veteran coders, TRSI. Surprisingly their first AGA demo. Wow. WB 3.0+ ONLY. D242-D243 (2 DISKS) INFECT - Works best with some extra fast memory added. Get ready the be impressed. WB 3.0+ ONLY, M156 SWAMP THING - Mix of the chart single. WB 3.0+ ONLY. D217 POLKA BROTHERS "GEVALIA" - Great new demo. D219-D220 (2 DISKS) ARTIFICIAL PARADISE - More spectacular effects. WB 3.0+ ONL)

D221-D222 (2 DISKS) LETHAL DOSE 2 - Don't miss this amazing demo, WB 3.0+ ONLY

D223-D224 (2 DISKS) SWITCHBACK - From Rebels. Some amazing routines, especially the roller coaster. WB 3.0+ ONLY. D226 GIMME ALCOHOL - What we call in the trade a dentro, a demo/intro combination. WB 3.0+ ONLY

pattern effects, WB 3.0+ ONLY D188-D189 (2 DISKS)BIG TIME SENULALITY - Still popular. WB

D227 JAMMIN - Good use of the AGA in producing colourful

D174-D175 (2 DISKS) NINE FINGERS - Spaceball's ground breaking demo.

SLIDESHOWS

S159-S161 (3 DISKS) CLAUDIA SCHIFFER 94 - Glamour

slideshow. WB 3.0+ ONLY.

\$137-\$139 (3 DISKS) GIRLS GIRLS GIRLS - Glamour slideshow. WB 3.0+ ONLY.

\$140-\$142 (3 DISKS) CLAUDIA SCHIFFER SLIDESHOW, THE WORKS - The super model. WB 3.0+ ONLY S143-S145 (3 DISKS) ELLE McPHERSON SLIDESHOW, THE WORKS -Another super model. WB 3.0+ ONLY.

S146-S148 (3 DISKS) CINDY CRAWFORD SLIDESHOW, THE WORKS - Richard Gere's missus WB 3.0+ ONLY. S149-S150 (2 DISKS) FANATICS GUIDE TO COMPUTERS Comic slides showing you what happens when obsessive users go

that little bit too far. Very funny. S151 LINGERIE 1 - Models in lingerie. WB 3.0+ ONLY. S152 LINGERIE 2 - More of the same, WB 3.0+ ONLY. S153 LINGERIE 3 - More of the same, WB 3.0+ ONLY. S154 LINGERIE 4 - More of the same. WB 3.0+ ONLY. S155 LINGERIE 5 - More of the same. WB 3.0+ ONLY.

S134-S136 NLP RENDERSHOW - Captivating raytraced Sci Fi pictures. Reviewed in last months Amiga Format. WB 3.0+ ONLY.

21 BEACH BABES 1 - Swim suits and bikinis. WB 3.0+ ONLY. S122 BEACH BABES 2 - More of the same. WB 3.0+ ONLY. S123 BEACH BABES 3 - More of the same. WB 3.0+ ONLY. S124 BEACH BABES 4 - More of the same, WB 3.0+ ONLY. S125 BEACH BABES 5 - More of the same, WB 3.0+ ONLY. S119 ERIKA ELENIAK - Ex - Bay Watch beauty. WB 3.0+ ONLY. S120 UNPLEASANT WAYS TO DIE - Unexpected ways to top

yourself. Sick and funny.

ANIMATIONS

A179-A185 (8 DISKS) TRIP IN A VEIN - Microcosm style flight through a vein with a space craft. 71 amazing frames of animation. Reviewed in the November issue of Amiga Format. 6 megabytes of memory required. WB 3.0+ ONLY.

POST YOUR ORDERS TO:

GROUND ZERO SOFTWARE (AF67) 4 CHANDOS ROAD REDLAND BRISTOL. BS6 6PE **ENGLAND**

TELEPHONE: 0272 741462 (9am-6.00pm MONDAY TO FRIDAY)

*To order Public Domain software, simply send your name, address (WRITTEN CLEARLY) and your order details. Eg. Disks code numbers and title names. Remember that prices are per disk and not per title. Take particular notice with multiple disk titles. *UK Postage and packing at 5p covers any order size. For detailed programme descriptions on these and thousands of more PD titles, check out our catalogue disks. SORRY WE DO NOT ACCEPT CREDIT CARDS ORDERS.

PUBLIC DOMAIN PRICE LIST

PRICE PER PD DISK £1.00

CATALOGUE DISK VOL.1 ... £0.75 CATALOGUE DISK VOL.2 ... £0.75 POSTAGE & PACKING £0.75

Overseas orders. Use the above prices, then add 20% of that total, to cover the extra postage costs. Thank you.

> PLEASE MAKE ALL CHEQUES/POSTAL ORDERS IN STERLING PAYABLE TO GROUND ZERO SOFTWARE

MISCELLANEOUS

T76 THE CHARTS ISSUE #13 - The demo charts and general disk magazine with many articles. Very well presented. T77-T78 (2 DISKS) MOVIE GUIDE (1994) V2.04 - Massive database on movies for film buffs. Hard drive installation only. NOT

T79-T80 (2 DISKS) CHEAT LISTER v3.05 - The largest compilation of game cheats and tips you'll probably ever find. 800 games covered, NOT WB 1.3.

T71 DEADLOCK 9 - The SCENE disk magazine. Kewl. 172 UPSTREAM 9 - Another top Scene magazine with loads of up to date news and more. T74-T75 (2 DISKS) GRAPEVINE 20 - Needs no introduction. The

latest issue of the most sort after Amiga disk mag around. T67-T68 (2 DISKS) LUCIFER'S BOOK OF SHADES -Secrets from the occult. OVER 18'S ONLY. T69 LUCIFER'S WICKED GRIMOIRE - More information and practices of the occult. OVER 18'S ONLY. T36 ALIENS CONFIDENTIAL - Loads of (true?) stories from around the globe on Aliens and UFO's.More of the same. T28 DREAMS FOR AN ANGEL - Reveals the signicance of

objects, colours, animals, etc., in your dreams. T81 ALIENS CONFIDENTIAL 2 - Compiled by us. The long awaited follow up. Fascinating true to life UFO related material.

EDUCATION

E97 NIGHT MATH ATTACK - Shoot-em-up maths game.

E95 KIDS DISK 5 - Educational games for kids by D.Moran.

E96 KIDS DISK 6 - More excellent games for juniors. E80 DYNAMIC SKIES - Powerful astronomy programme.

E71 CHILDRENS FAVOURITES 1 - Nursery rhymes. E53 CHILDRENS FAVOURITES 2 - More nursery rhymes.

E60 CODE MUNGUS - Tests your Highway Code E59 STARVIEW - Plots the positions of the stars and planets.

E60 PRO ASTROLOGY - An aid for horoscope predictions.

E81 ANIMAL LAND - Farm yard childrens game, NOT WB 1.3.

E44 THE MATHS ADVENTURE - Maths problems adventure game.

E36 STEAM ENGINE ANIMATION - Detailed cross section anim.

E37 FOUR STROKE PETROL ENGINE - Cross section animation.

8 disks:

Ncomm v3.0. Terminus 3.0d.

E42 TUBOFAN & TURBO JET ENGINES - Aeroplane engines.

MAGINE

IMAGINE OBJECTS

U453 FURNITURE OBJECTS - Tables, chairs, cabinets, etc. U454 HOUSEHOLD OBJECTS - Items you may well find around the home. U460-U461 (2 DISKS) AIRCRAFT OBJECTS - From World War One biplanes to the modern day Stealth fighters, aircraft of many types.

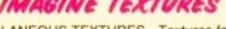
U462-U463 (2 DISKS) SCIENCE FICTION OBJECTS - Tron Light cycles and tanks, space stations and space ships, etc...

U464-U466 (3 DISKS) ARCHITECHURE OBJECTS - Houses, skyscraper, colosseum, and other types of man made structure.

U467-U469 (3 DISKS) CAR OBJECTS - Vehicles of all sorts, road vehicles to Formula One racing cars. U470 INSECT OBJECTS - Creepy crawlies.

IMAGINE TEXTURES

U479 IMAGINE MISCELLANEOUS TEXTURES - Textures for Imagine. U483 IMAGINE WOOD TEXTURES - Textures for Imagine.



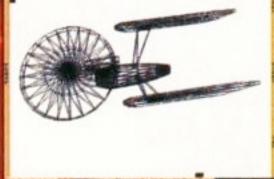
U480-U482 (3 DISKS) IMAGINE STONE TEXTURES - Textures for Imagine. U484 IMAGINE ORGANIC TEXTURES - Textures for Imagine.



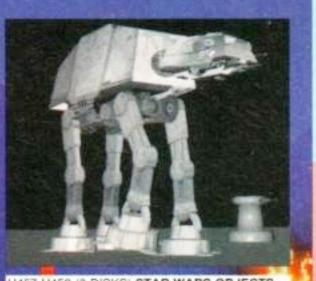
U471 DINOSUAR OBJECTS - Prehistoric beasts.

U472 ANIMAL OBJECTS - Many types of mammals.

U460-U461 (2 DISKS) AIRCRAFT OBJECTS -From World War 1 Biplanes to modern day Steath Fighters. Loads of aircraft from history.



U455-U456 (2 DISKS) STAR TREK OBJECTS From the orginal and new series.



U457-U459 (3 DISKS) STAR WARS OBJECTS X-Wing, Y-Wing, Scout walker, Death Star, ie Fighters, And loads more.



U452 BABYLON 5 OBJECTS- Loads of ships rom the top TV series.

IMAGINE BUDDY SYSTEM

Used in conjunction with Imagine 2.0 for the ulitmate Imagine tutorial and reference guide. Every single function is detailed in great depth. Essential. DISK REFERENCE:

U476-U477 (2 DISKS)

PD GAME OF THE MONTH



Check out our comprehensive catalogue disks for the very best PD/Shareware. Updated monthly.



Central Licenseware Register

All CLR titles available. Detailed listing on catalogue disk vol.2

ESSENTIAL AMINET Vol.4

3 Disks of great PD software downloaded recently from the aminet. A mixed selection of choice programmes for serious Amiga users only. This issue contains:

Six Workbench games. Telebase - Telephone and address database. Amiga Reports 224, 225, 227, 228 - The low down on Amiga news.

AIBB - Amiga performance analyser. Ed WORD PRO - Professional text editor with many features. QuickClick - System to access your programmes with pull down menus Command List - Workbench based programme launcher.

MUFormat - Multi disk formatter Twin Opus - Controls Twinexpress with DOpus. Amiga Entertainment Monithy - Games rewiew disk mag from the net. Eco Disk - File manager. Directory Opus genre.

Stick It 2 - Stick yellow reminder notes on your Workbench screen. BootX Reg Update v2.18 - Brain file update for Boot X, the virus killer. WB Fonts - Workbench fonts suitable for a proportional Workbench. ALL PROGRAMMES ARE NOT WB 1.3 COMPATIBLE. DISK REFERENCE: EA4. (3 DISKS)

Term 4.1a. Guide To Comms. Internet Guide. Trapdoor. And much more. 4

S

VIRUS EXTERMINATORS V2 Compiled by the N.A.U.G. All the best and best virus killers on 2 disks. Contains: Virus Checker v6.43. Boot X v5.23B (with latest v2.18 Brain file). Virus Workshop v3.90. Virus Z II v1.90. DISK REFS: U499-U500.

NOT WB 1.3 COMPATIBLE

DISK REFS: U572-578.

COMMS CONNECTED

A mighty collection of comms programmes for new users on

NOT WB 1.3 COMPATIBLE

HARD DISK TOOLS V2 Compiled by the N.A.U.G.

The very best Hard Disk tools: Clickable menus, Repairers, Installers, Backup programmes, and more. CONTAINS: HD Click v2.60. MR Backup.

ABackup v4.06. HD Mem v1.0. Superlock. HD Installer v1.04. AF Copy. AND MANY OTHERS! DISK REF: U501-U503 (3 DISKS) NOT WB 1.3 COMPATIBLE

MOST USEFUL UTILTIES v2

Compiled by the N.A.U.G. Pack contains tools to improve your Workbench in terms of speed, usability and looks. CONTAINS: Tools Daemon v2.1. Magic Workbench Icons. GBlanker v3.30 (Screen blanker).

Magic Menu v1.9. ARQ. Magic File Requester, AND MORE... DISK REF: U504-U505 (2 DISKS) NOT WB 1.3 COMPATIBLE



WEIRD SCIENCE CLIPART

Over 26,000 Amiga and PC compatible clipart files. Bitmap IFF's, Coloured IFF's, Proclips, Pagestream and Pagesetter, PRICE: £9.95 + £1.00 P&P.

ASSASSINS GAMES

The complete Assassins games disk from 1-200. This comes to PRICE: £26.95 + £1.00 P&P PRICE: £17.95 + £1.00 P&P

AMOS PD LIBRARY

The entire range of official Amos PD software titles, 1,600 source code files, 800 game sound, 100 sprite banks, and more. For all Amos fans everywhere. PRICE: 17.95 +£1.00 P&P.

AMINET 4

Games, Utilities, music modules, Demos, Pictures. Just everything Amiga. All downloaded from the Aminet. All the files some of the latest PD around. PRICE: £17.95 + £1.00 P&P

HOTTEST 4

The latest Mega demos, games, utilities, slideshows, animations, education, AGA titles, IFF pics, sund samples, music modules, ETC., PRICE: £17.95 + £1.00 PAP

AMIGA RAYTRACER

1000's of objects for ratracing. Every imaginable object is here! PRICE: £17.95 + £1.00 P&P

GOLD FISH DOUBLE CD

The fabulous Fred Fish collection on 2 CD's. Over 1000 disks full of serious and lesuire titles.

LOCK AND LOAD

About 1000 classic Public Domain games. Hours, days, weeks, monthes of pure entertainment. PRICE: £17.95 + £1.00 P&P

PRO GIFS

256 colour scanned Gifs, Covers subjects like abstract art, birds, cartoons, frogs and young women in swimsuits. Over 5000 images. PRICE: £17.95 + £1.00 P&P

Sounds terrific

2 jam packed CD's full of great sound samples and modules. PRICE: £17.95 + £1.00 P&P

WEIRD SCIENCE FONTS

900 directories containing 18,800 files. Bitmap fonta, compugraphics fonts, Postscrpt and True Type and Pagestream & ProDraw outlines fonts, and much more. PRICE: £9.95 + £1.00 P&P

DISK COMPRESSOR

Increase your hard drive capacity by up to 50% with Disk Compressor. Self installing, driven via a graphic user interface for complete user friendliness with online help facility. Comes along with printed quick start guide, and full entensive documentation provided on the disk.

Disk compressor stays hidden in the backround of your Workbench environment so you needn't worry about it after installation.

ALL THIS FOR ONLY 4.99 4 P&P. Please phone for availability.

CLR GAMES

CLG5 TRUCKING ON II - Company management game You run a transport firm. 2 DISKS. PRICE £4.95. CLG7 IMBRIUM - DAY OF REKONING - Arcade adventure game. Somthing like Finders Keepers and Spellbound on the C64. 1 DISK. PRICE £3.95. CLG21 FLOWER POWER - Gardening game for children, 1 DISK, PRICE £3.95.

CLG22 STOCKING FILLERS - A number of Christmas related games. 1 DISK. PRICE £3.95. NOT WB 3.0+. CLG24 EASY MONEY - Fruit machine game.

DISK. PRICE £3.95 CLG25 WHITE RABBITS - Excellent platform puzzle game.

DISK. PRICE £3.95.

CLG27 SHYMER - Graphic text adventure for children.

1 DISK. PRICE £3.95.

CLG28 TIME RIFT - Top rated platform shoot-em-up. DISK. PRICE £3.95.

CLG31 DIRTY RACKETS - 21st century bat and ball game.

DISK. PRICE £3.95. CLG35 OG1 - Prehistoric platform game. 1 DISK. PRICE £3.95. CLG38 QUINGO - Pub quiz game. 1 DISK. PRICE £3.95. CLG42 CRYSTAL SKULL - Recover the lengendary artifact in

this 3D isometric adventure game. Great graphics. 1 DISK. PRICE £3.95. CLG43 PIC IT - Quiz game with digitised pictures.

DISK. PRICE £3.95.

CLG46 ARCHIPELAGOS CAMPAIGN - Computer version of the Risk strategy war game. 1 DISK. PRICE £3.95. CLG38 THE LOST PRINCE - Very professional mouse operated animated aventure game. Monkey Island style.

2 DISKS. PRICE £4.95. CLG50 HAIRPIN 2 - Overhead Formula One racing game.

1 DISK, PRICE £3.95. CLG51 TEN PIN BOWLING - Made famous by Fred Flintstone.

now you can have a go. 1 DISK. PRICE £3.95. CLG53 WALL STREET - Stock exchange game, Make a

million. 2 DISKS. PRICE £4.95. CLG54 NATIONAL HUNT - Horse racing management game.

DISK. PRICE £3.95. CLG55 CRYSTAL QUEST - 3D dungeon maze game full of

puzzles to solve. 1 DISK. PRICE £3.95.

CLG57 DREAM STREAM - Surperb futuristic arcade adevture game, 1 DISK, PRICE £3.95

CLG59 FOOTBALL CLUB MANAGER - Run your own football

team. From the lowly 3rd division, you must build up your team to premiership standard. The directors will be watching. 1 DISK, PRICE £3.95.

COMPUGRAPHIC FONTS.

Compugraphic Collection 1-20. Disk REFS: U274, U275, U276, U308, U408, U409, U410, U438, U446, U447, U448, U493, U494, U495, U496, U497, U506, U588, U589, U590,

Compatible with:

Professional Page v2.1 (and above), Pagesetter 3, Typesmith, Pagestream v2.0 (and above), Final Copy, Final Writer, Wordsworth v2.0 (and above), Workbench 2.0 (and above).



FINAL FRONTIER ISSUE 7 Disk magazine for all Trekkie fans. Loads of news, reviews and interviews. All four disks for only £6.50 + P&P ISSUE 7

THIS IS NOT PUBLIC DOMAIN

(NOT AVAILABLE FOR THE AMIGA A500). FROM THE PRODUCERS OF THE FINAL FRONTIER COMES HOLODECK, ORIGINAL STAR TREK RELATED RAYRACED AND HAND DRAWN SCENES, EXCLUSIVE ART WORK AND NOT PUBLIC DOMAIN.

CURENTLY AVAILABLE HOLODECK 3 (2 DISKS) PRICED AT £2.70 + PAP HOLODECK 4 (2 DISKS)..... PRICED AT £2.70 + P&P HOLODECK 5 (2 DISKS)..... PRICED AT £2.70 + P&P

CLR EDUCATION

CLE1 TOTAL CONCEPTS DINOSAURS - Multimedia presentation on Dinosaurs, 2 DISKS, PRICE £ 4.95. CLE2 TOTAL CONCEPTS GEOLOGY - Multimedia title about the Earth natural processes. 2 DISKS. PRICE £ 4.95. CLE3 TOTAL CONCEPTS SOLAR SYSTEM - Every thing you er wanted to know about our solar system DISKS. PRICE £4.95.

LE4 COLOR PAD - Computer colouring book for infants. DISK, PRICE £3.95.

CLES NIGHT SKY - Astronomy programme with planet tracking facility. 1 DISK. PRICE £3.95. CLE10 BASICALLY AMIGA - Complete AmigaDOS and

Workbench guide for new owners. Covers WB 1.3 & 2.0. B DISKS. PRICE £5.95. CLE14 TOTAL CONCEPTS ECOLOGY - Study on how living

nings interact with their environment. Multimedia. 3 DISKS, PRICE £5.95.

CLR UTILTIES

CLU3 TYPING TUTOR - Teaches you to type more accurately and efficiently, 1 DISK, PRICE £3.95. CLU14 STOCK CONTROLLER - Stock controller for the small business. 1 DISK. PRICE £3.95.

CLU24 INVOICE MASTER - Invoice printing.

DISK. PRICE £3.95. CLU31 FLOW CHARTER - Draws flow charts.

DISK. PRICE £3.95.

CLU32 POWER TEXT 2 - Superb entry level word processor for people on a tight budget. 1 DISK, PRICE £3.95 CLU38 POWER ACCOUNTS - Personal finance manger.

DISK. PRICE £3.95. CLU40 ARCO - Powerful ARexx language compiler. DISK. PRICE £3.95. NOT WB 1.3.

For posting and packing costs on CLR titles, refer to PUBLIC DOMAIN PRICE LIST.

U534-U536 (3 DISKS) AIRCRAFT CLIPART. U537-U539 (3 DISKS) WEDDING CLIPART. U540-U542 (3 DISKS) SPORTS CLIPART. U543-U547 (5 DISKS) CHRISTMAS CLIPART. U548-U549 (2 DISKS) WOMEN CLIPART. U550 CAR CLIPART.

U551-U552 (2 DISKS) BUSINESS & OFFICE CLIPART. U553 FAMOUS PEOPLE CLIPART.

U554-U555 (2 DISKS) CHILDREN CLIPART.

U556 BUILDING CLIPART.

U557-U560 (4 DISKS) POWERPOINTS CLIPART - Banners, stars, pointers. Clipart to highlight or make a point, get noticed.

U561 MEN CLIPART. U562-U563 (2 DISKS) CARTOON CLIPART. U564 FLOWERS & PLANTS CLIPART.

U565-U566 (2 DISKS) ZODIAC SIGNS CLIPART. U567 ANIMAL ANTICS CLIPART. U568 MONSTERS CLIPART. U569 CATS CLIPART.

U571 AQUATIC CLIPART. U386-U388 (3 DISKS) WILDLIFE CLIPART. U356-U365 (10 DISKS) MILITARY CLIPART. U100 TEDDY BEAR CLIPART.

U570 SCHOOL CLIPART.

U584 SCENARY CLIPART. U585 TOURIST LOCATIONS CLIPART. U586 PROFESSIONS CLIPART. U587 SCIENCE FICTION/SPACE CLIPART.





ALL OUR DISKS COME WITH A 100% ONE FOR ONE GUARANTEE

COVER DISKS	RECYCLED HD COVER DISKS	DS/DD	DS/HD
50 £10.99	50 £16.00	50 £16.00	50 £22.00
100 £20.00	100 £30.00	100 £30.00	100 £40.00
250 £45.00	250 £70.00	250 £70.00	250 £90.00
500 £85.00	500 £135.00	500 £135.00	500 £170.00
1000 £150.00	1000 £255.00	1000 £255.00	1000 £320.00

All our disks include FREE labels We will not be beaten on price!

Please make cheques and P.O payable to:-

DIRECT SOFTWARE, DEPARTMENT AMFBD01/SC UNIT 3, CROSSKEYS SHOPPING MALL, ST NEOTS, CAMBRIDGESHIRE PE19 2AU.

UK MAINLAND - DELIVERY FREE

OTHER AREAS - PRICES ON APPLICATION

All parcels are sent out by recorded delivery. All items subject to availability. All prices subject to change without notice. E&OE. Please allow for cheque clearance.

Please charge my Access/Visa No:	CUSTOMER NUMBER	
FORM Please supply me with the following for Computer	DATE: NAME: ADDRESS:	
	POST CODE:	
POST + PACKAGING	TEL:	
TOTAL	andga format january 95	

2 in 1 Mouse Mat/Scanning Pad



A new low cost scanning pad which also doubles as a Mouse mat. Comes with lift up cover and T ruler

The new Greyscale, 800dpi Hand Scanner for

all Amiga Systems scanner available. Scans at higher resolution for

superior picture quality. Comés complete with Scanning and merging software

Migraph Full OCR for all Amiga's £49.95

Total cost £178.90, with this Voucher only £139.00



WHITE SHAPE AND A THE

GOLDENIMAGE UK LTD

Unit 65, Hallmark Trading Estate, Fourth Way, Wembley, Middx HA9 0LB Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281



TO ORDER BY PHONE OR FAX TEL: (01924) 366982 FAX: (01924) 200943 All Major Cards Accepted Inc. Switch & American Express TO ORDER BY POST

Send Cheques / P.O's Made Payable To: 17 BIT SOFTWARE

1ST FLOOR OFFICES, 2/8 MARKET STREET WAKEFIELD, WEST YORKS, WF1 1DH

MAIN SOFTWARE

3383 ROBS HOT STASH #15 Includes Diskprotector 2! 3382 MWB BACKDROPS 79 Backdrops For MagicWB 3381 ROBS HOT STASH #14 More Super Utils From Rob! 3380 (AB) GRAPEVINE 20 Big Cheers! Its Here! 3379 THE FAR SIDE SLIDES Alternative Humour Pix 3378 SEKA 32 PROFESSIONAL Seka Compiler Demo 3377 SPELLTRIS Spell The Words As The Fall 3376 WORDPLAY 5 Word Puzzle Games 3375 MAGIC USER INTERFACE 3340 (ABC) TERM V4.0 Version 2.2 3374 ROBS HOT STASH #13 More Upto Date Hot Utils 3373 ROBS HOT GAMES #9 Dix Galaga, Dyna Warriors 3372 MAGIC EXPANSION Expansion For MagicWB/MUI 'Jap Cat Japes' 2MB Anim 3371 (ABCD) IMAGINE FONTS 3336 (AB) TIME ZONE Adobe Fonts For Imagine 3 3370 EVILS DOOM (PREVIEW) 3335 LOCK OUT V2.1C **Dungeon Master Clone** X3369 COMPLEX 'PEEWEE' Nice AGA Demo 3368 CASSINI ASTRONOMY Detailed Sun, Moon, Planets. Another Klondike Cardset 3367 ZYRAD II Puzzle / Arcade Game 3366 ROCKETS Ray Traced Asteroids Game X3329 GIF BEAUTIES 15 3365 AREXX GUIDE Good Arexx Tutorial 3364 KIDS DISK 6 More Stash For The Kids 3363 TEE TO GREEN V1.1 Golf Scoring Util. 3362 PRO BOARD V2.2 PCB Designer 3361 SANTA & RUDOLF Superb Platform Game! 3360 IMAGE STUDIO Image Proc. & Convert 3359 CGFONTS #16 3358 CGFONTS #15 3357 CGFONTS #14 3356 CGFONTS #13 3355 CGFONTS #12 More CG Fonts Collections 3354 FOP 6 Octamed Music Disk X3353 STARWARS CARDSET X3352 SOME JUSTICE 1994 Superb AGA Demo!! 3351 VIRUS WORKSHOP V4.0 3315 DESKTOP MAGIC Kill The Nasty Little B'stards 3350 ROBS HOT GAMES #8 A Nice Games Comp! 3349 (AB) GIRLS OF ERIC

3348 ROBS HOT STASH 12 Hot Utils Compilation 3347 ROBS HOT STASH 11 Another Load Of Hot Utils X3346 SPECTRUM EM. V1.3 AGA Spectrum Emulation 3345 AWARD MAKER II Design & Print Merit Awards 3344 PANASONIC STUDIO Utils For Panasonic Printers 3343 EPU DISK STAK V1.63 Double Your HD Space 3342 (AB) MAGIC WB EXTRAS More Icons For Magic WB 3341 FINAL WRAPPER Text Wrap Util For Final Writer Superior Comms Package! 3339 LOST PRINCE DEMO Demo Of The CLR Title 3338 PICTURE MATHS Answer Questions & Build Pics Superb AGA Rendered Pics. 3337 (ABCDE) CHARLY CAT 10 3301 PAINT IT Point & Click Adventure Prevents Access To HD's X3334 BETTY PAGE CARDSET Klondike AGA Cardset X3333 STARTREK CARDSET X3332 GIF BEAUTIES 18 X3331 GIF BEAUTIES 17 X3330 GIF BEAUTIES 16 X3328 GIF BEAUTIES 14 X3327 GIF BEAUTIES 13 X3326 GIF BEAUTIES 12 X3325 GIF BEAUTIES 11 Loads More Lush Lovelies! 3324 RELOKICK 1.41 Improved Degrader Strategy / Conquest Game 3322 JAPANESE TUTOR Hirgana, Vocab & Wordaday 3289 VIDEOMAXE V4.33 3321 (AB) JAPAN DICTIONARY Best Ever Video Dbase! 2 Drives Required 3320 PRODRAW GENIES Loads Of Usefull Genies! 3319 AMICOM V2.1 Packet Radio Terminal Prog. 3318 PGP V2.3 Controversial Encryption Prg. 3317 (AB) BLUES SYMPHONIE Nice Blues Music Disk X3316 STELLAR DEMO 2MB Fast RAM Required! Modular Screenblanker 3314 FRUIT MANIA DEMO

Shareware Fruit Machine

3313 SUPERLEAGUE V3.51

3312 KIDS DISK 5 3 Educational Programs 3311 MARTIAL SPIRIT DEMO Shareware Beat Em Up. 3310 PRO GAMBLE V1.0 Horse Racing Predictor 3309 THE GREAT GOLD RAID Classic Vic 20 Conversion! 3308 SCOTTISH FOOTY MGR Manage Your Own Teams! 3307 ACT OF WAR MISSIONS Requires Registered Version 3306 SOLO ASSAULT Shades Of Wing Commander 3305 MARBLES Good Puzzle Gamel 3304 SEED OF DARKNESS 1MB Adventure Game 3303 REVENGE ANIMATION 2MB. Hedgehogs Revenge! X3302 NLP RENDERSHOW Kiddies Art Package 3300 CGFONTS #11 Even More CG Fonts! 3299 CYBERPUNK NOW ISS 2 Cyberpics & Fiction! 3298 THE MAD PREACHER Superb Rave Preacher Demo! 3297 ACCOUNT MASTER V3C Very Popular Accounts Prog. 3296 NANO FLY Nice Shootem Up 3295 ASI AUDIO MAGIC 7 Another Load Of Audio Utils. 3294 ASI MULTIPRINT 4 More Assassins Print Utils 3293 EDUCATIONAL COMP Morse, French & Kids Edu. 3292 LOAN & ACCOUNTS Compilation Of Finance Pras 3291 DFA 3323 COLONIAL CONQUEST II Great Address Book! HD Req. 3290 RECIPEBOX / VIDEBASE Recipie & Video Dbases X3288 BACMAN AGA Pacman. Superb! 3287 (AB) WRESTLING 2 Drives Required. Good! 3286 DRUM LOOPS & SAMPLE 3285 ANALOG BASS SAMPLES 3284 GUITAR SAMPLES **3283 121 DRUM SAMPLES** 3282 DRUM LOOPS & SAMPLE 3281 LEAGUE SOCCER CARDS Different Soccer Cards Game 3280 (AB) AMIGADEUS Mozart By Rob Baxter X3279 (AB) MECHANETIX II Alien SCI FI Slideshow AGA 3278 XENOMORPHS All E.Shwart's Cartoon Chars! Comprehensive League Edit. Playable Game Demo.

Disk Prices 1 To 10 Disks £1.50 11 To 20 Disks £1.25 21 Disks Or More £1.00 1 Free Disk With Every 10 You Order U.K Postage Is 50p On Disk Orders Europe Add 10% Of Order Value R.O.W Add 20% Of Order Value Min. Overseas Postage £1.00

PLEASE NOTE! Disks With (AB) Etc. After The Number Denotes A Multiple Disk Title. PLEASE STATE WHEN ORDERING. Send An S.A.E For A Complete List Of Our Public Domain, Licenceware And CD-ROM Titles

CD ROMS



17 BIT COLLECTION DOUBLE CD Contains 1700 Disks From 0001 To Disk 2300 Of Our Own Library. £34.99 + 75p Postage & Packing



17 BIT CONTINUATION CD The 17 Bit Range From 2301 To 2800. Also Includes Assassins Game Disks From 1 To 149 £19.99 + 75p P&P



17 BIT PHASE 4 More 17 Bit Disks From 2801 To 3351 Dearchived Via Easy To Use Menu £19.99 + 75p Postage & Packing



LSD & 17 BIT COMPENDIUM LSD Legal Tools From 1 To 149 Plus Lots Lots More!! £19.99 + 75p Postyage & Packing



AMINET III JULY 94 EDITION Games, Utils, Demos, Mods & GFX Plus Loads More From The Internet. £17.99 + 75p Postage & Packing



AMOS USERS CD The Entire Amos Library On One CD! Source, Sprites, Samples, Music Banks & Much More! £19.99 + 75p P&P



COPD IV Fred Fish 891 To 1000, Imagine Objects, AM/FM Mags To Iss. 18, Fonts & Loads More! CDPD 1, 2 & 3 Also Available £19.99 + 75p P&P



EUROSCENE 1 CD European Demo Releases Make Up This Superb Collection For All Demo Fans £14.99 + 75p Postage & Packing.



GIFS GALORE CD ROM This Collection Contains Over 5000 Gif Format Pictures From Over 40 Different Picture Catagories £19.99 + 75p P&P



CD32 NETWORK CD Connect Your CD32 To Any Amiga For Complete CD Access. CD £14.99 CABLE £19.99 + 75p P&P



PROFFESSIONAL FONTS CD Contains 162 MB Of PCX, GIF, EPS & TIFF Clipart + 320 MB Of Adobe, CG & TI Fonts £19.99 + 75p Postage & Packing



SPACE AND ASTRONOMY CD Over 1000 Colour Images Of Our Solar System Along With Over 5000 NASA Texts! £19.99 + 75p Postage & Packing.



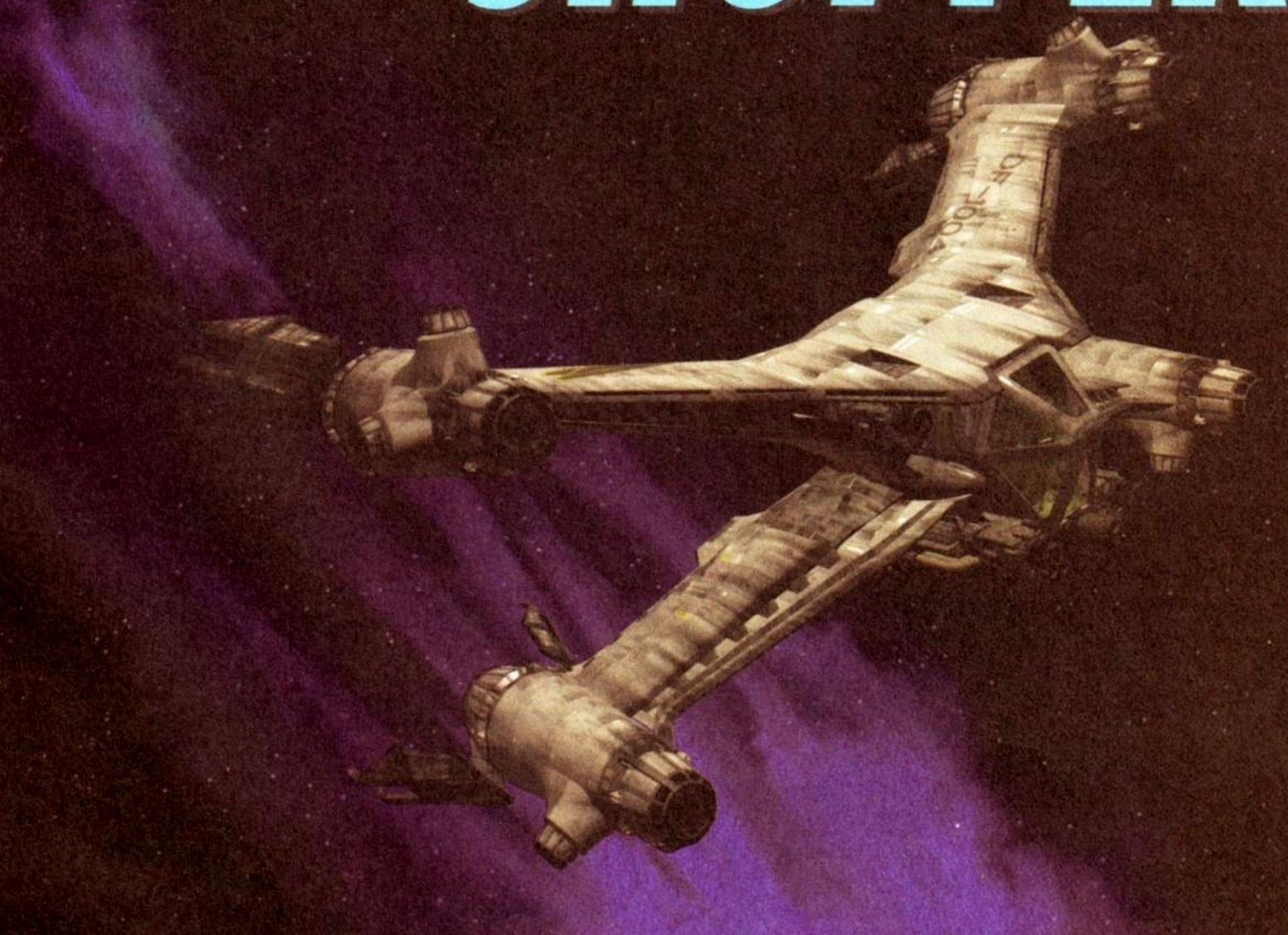
SOUNDS TERRIFIC DOUBLE CD Two CD's Full Of Music Mods And Samples! It Would Take Weeks To Listen To Both CD's! £19.99 + 75p Postage & Packing



DEMO II CD COLLECTION 650 MB Of Demos, Intros, Anims Pix, & Mods. Demo CD 1 Also Available. £19.99 + 750 P&P

The CD's Listed Above Are Just A Small Selection Of What We Actually Stock. If You Are Looking For A Particular Title, Give Us A Call As We May Have It. We Stock All CD's From Wierd Science & Almathera And We Import New Titles Regularly.





A selection of the best articles, reviews and other bits from the world's premier serious Amiga magazine...

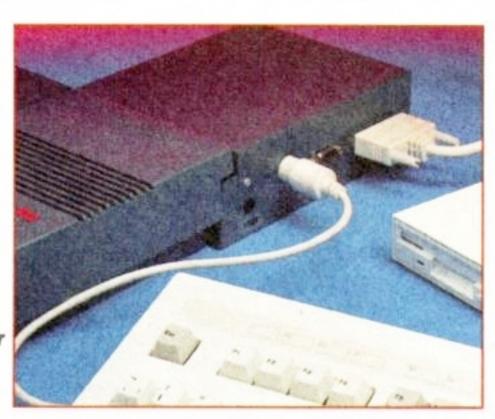


elcome to the best of Amiga Shopper 1994! In this special 16 page edition, we have picked out some of the best stuff from the last 12 issues of Amiga Shopper, the world's best serious Amiga magazine.

Over the next few pages you can see what you've been missing if you haven't picked up a copy of Amiga Shopper recently. We cover all aspects of Amiga use from DTP to video via programming and 3D graphics. However, there is one thing that you won't find in Amiga Shopper - games. We do not (and will not) cover games, except in the sense of how to write your own. So if you want tips on how to do the fatalities in Mortal Kombat II, we suggest you look elsewhere.

Anyway, have a look at the sort of thing that you will find in the magazine, and don't forget where to come if you want to get serious with your Amiga. You'll be welcome (as long as you bring your own beer). Cheers,

> **Richard Baguley** Editor



Check the calibre of our reviews with our review of the SX-1.



Amiga Shopper brings you previews of all the good stuff. Check out our first look at the revolutionary Digital Broadcaster 32.

CONTENTS



Want to find out which PD utilities are the best? Check out our acclaimed PD section...



Shock Horror! We even review animations and the like in our PD pages!

COMING SOON...

133 Find out what delights we have lined up for you in the next few issues of the world's best serious Amiga magazine -Amiga Shopper.

VIDEO TUTORIAL

134

Amiga Shopper regular Gary Whiteley explains how to do graphs with nothing more than a copy of DPaint and a bit of thought...

REVIEWS

136

Amiga Shopper always brings you the best reviews of the latest equipment. Here's a review of the SX-1 and a preview of the Digital Broadcaster 32.

ANSWERS

138

Every month we answer your questions on any aspect of Amiga use. Here are a few examples from our acclaimed Amiga Answers section.

PUBLIC DOMAIN

142

Every month Graeme Sandiford looks at the best PD and shareware on the Amiga scene. Here's a few example reviews from "Software for Free" - our popular PD and shareware review section.

COMING SOON

COMING SOON

Amiga Shopper is the world's <u>premier technical</u>
Amiga magazine. Every month we take a look at
what is happening on the <u>serious</u> side of the Amiga
scene with <u>articles</u> and <u>features</u> such as:

THE AMIGA SHOPPER SUPERTEST

Every month, we take one area of Amiga use and look at <u>every</u> available program or product in this area.

Over the past few months we have looked at: music programs, A1200 accelerators and RAM cards.

Over the next few months we will be looking at: programming languages, modems, printers, samplers and a whole lot more.

It's simply the <u>best</u> way to find out what's <u>hot</u> and what's not for your Amiga.

AMIGA ANSWERS

Got a <u>problem</u> with your Amiga that you just can't crack? Need to know how to do something but can't find the <u>answer</u>?

Every month we carry page after page of your Amiga problems solved by our team of Amiga experts. Between them they probably know more about Amigas than is healthy to admit. If you've got a problem, get the answer with Amiga Answers.

TUTORIALS

Knowledge is <u>power</u>. Which is why we run <u>regular</u> tutorials on Comms, AmigaDOS, Video, DTP and a range of others.

Why do we do this? So that you, the <u>serious</u> Amiga user, can get <u>more</u> out of your Amiga.

REVIEWS

With some of the most <u>knowledgable</u> Amiga <u>experts</u> on board, we can bring you the <u>final word</u> in reviews. Our reviewers are <u>ruthless</u> in their perusal of the <u>latest</u> Amiga hardware and software.

We don't take the manufacturers' promises and reprint them. We don't <u>review</u> things from a press release. We take the products and <u>pull</u> them apart to see what makes them tick. If you want to know what a product is <u>really</u> like, we're the dudes to ask.

Get <u>serious</u> with your Amiga. Get <u>Amiga Shopper!</u>
On sale on the first Tuesday of every month.



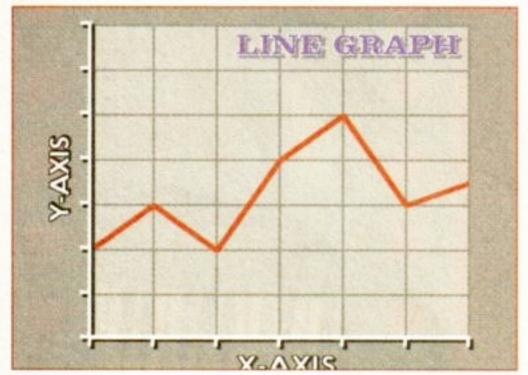
GRAPHOLOGY

You too can make your presentations look great - Gary Whiteley shows you how to animate graphs for that professional look.

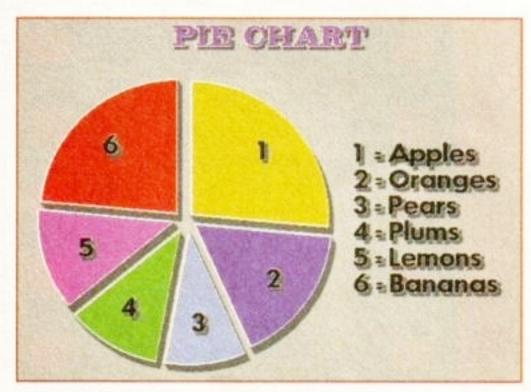
his month I'm going to take a look at animating graphs for presentations. You might think that this is a bit too specialised for you and that you'll never need to make any presentations which include graphs, but read on anyway because some of the techniques involved can be applied to other types of animation. I'm going to use two main tools - a paint program and a presentation program, in this case Deluxe Paint IV and Scala MM300, though other paint programs (for instance Brilliance) and other multimedia software (eg MediaPoint or Adorage) could be used instead, though with a few slight modifications to the method.

POINTS TO CONSIDER

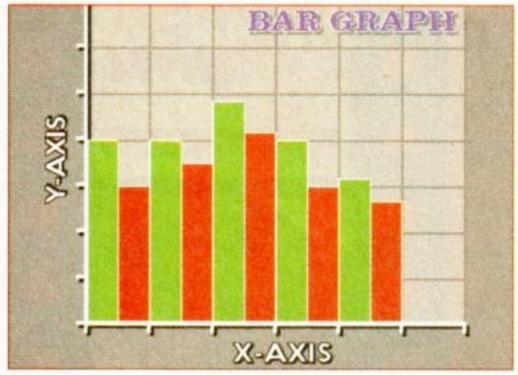
As with most computerised presentation work the



There are many types of graph, though the line...



...and bar graphs, along with the pie chart and...



...their variations are probably the most common.

first rule is KISS - Keep It Simple, Stupid. Why? Because getting the viewer to quickly understand what is being shown to them can prove difficult if too much information is crammed on to one screen. The idea of a presentation is to provide easily absorbed, at-a-glance details which can later be backed up by an information pack, brochure etc and there's no need to go over the top when designing the actual screens which will be shown. Keep the colours clear and simple. Use backdrops which enhance the presentation, not swamp it.

If you can't see the wood for the trees, the purpose of the presentation will be lost. Use fonts which are both easy to read and which reflect the style of the presentation you are making. Don't use cyberpunk fonts when dealing with a blue chip company (unless they approve and the fonts fit the context). Use fonts which will be easily readable from the desired viewing distance - which generally means using point sizes of 18 or more on a hi-res interlace screen. Bigger fonts are better

in most cases, though it will depend on what colour the text is and how it works against the background.

Do use a background if you can, because a plain screen just doesn't have the pizazz offered by a nice-looking Scala background, for example. A carefully chosen background should set off the foreground material - in this case our graphs - so it should be interesting, yet not overbearing. Dark

hues will probably work best because they allow us information pertinent to the presentation) in lighter

to produce the graph (which is the main hues which will be easily and quickly digestible.

DESIGNING THE GRAPH

The first thing you need to do is to sit down and analyse exactly what it is that your graph animation has to achieve. It is likely that it will be part of a larger multimedia presentation and, if this is the case, it should be designed with the overall style of the presentation in mind. Unification and 'corporate identity' is important.

Stick to a few particular fonts and graphical styles to ensure that each part of the presentation has at least some visual linkage to its preceding and following segments. Don't chop and change the way that each screen is presented and laid out too radically, unless you are moving into a completely new chunk of the presentation, or you may well confuse your audience instead of informing them. Look at the type of data that you are going to present and decide what kind of graph to use. Will a bar chart, pie chart, scatter chart or line graph work best? How much data will fit on to

one screen (but remember not to overcrowd it).

Ensure that each graph is annotated with a title and name, and that the axes or segments of the graph are clearly labelled, otherwise the viewer won't be able to grasp what the graph's content is all about. If you can't fit all the data easily on to one screen, consider using several screens one after another, and work out just how you will get from one screen to the next with the least amount of disturbance - through some kind of transition perhaps. This is where our presentation program comes in handy, because it can be used to make the transitions between sections much more straightforward. If you're just using a paint program the likelihood is that you'll just combine the animations one after another with maybe a momentary cut to a background in between.

With a presentation program like Scala MM there is much more scope for being creative and hence providing more variety for the viewer to keep their interest up. Perhaps the best way to visualise how the data will be presented is to do some rough sketches before you start committing the artwork to your Amiga. Imagine how the data will look on screen. What scales will you use for the axes (if any), and what kind of graphic presentation will be most easily understood by the viewer?

GETTING TO WORK

I'm going to make two kinds of graph - a line graph with several sets of data and a bar graph with just one set. If you watch the main news programmes on TV, you'll often see these kinds of

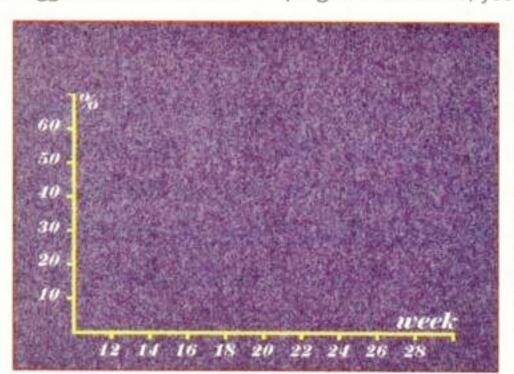
> graph (or variations of them) when elections are held, or there have been some new unemployment or economic figures released. I say variations (such as bar graphs built of coins) because TV stations use some very sophisticated software and equipment to get their presentations on to screen.

However, one night, as I was watching News At Ten, I realised that I too could do at least some of these effects quite easily

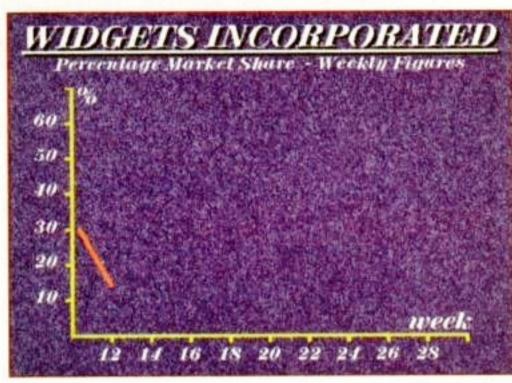
on my Amiga, even if I couldn't exactly match the high-quality graphics that British TV generally seems to excel at. Accordingly, I knocked up some quick screens in DPaint, loaded them into Scala MM300 and set up a couple of transitions. Voila! a line graph sequence which draws itself on to screen and is far more interesting to look at than one which just sits there doing nothing.

So how do we go about making such things? First decide on the background you are going to use. You could produce this yourself or use an existing one. Just ensure that it is fairly unobtrusive (whilst still being interesting), uses dark hues and, if you have a non-AGA Amiga, is composed of no more than eight colours - you'll need the rest for the graph and text.

It should also be hires interlace format and, if possible, in overscan. Load the image into your paint program so that you have the correct palette to work with and then flip to the spare screen so that you can get to work. If necessary clear the spare screen to palette colour O. A note of caution to Scala HVT users: HVT can only use eight colours, so it will probably be better to sacrifice the background altogether as otherwise you



Start by constructing the graph's axes, allowing room for any text that will be required - labels, titles, logos etc.

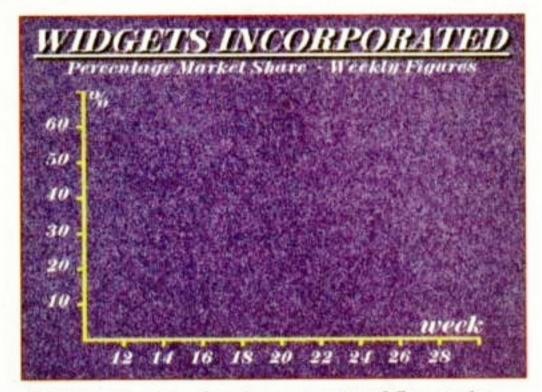


Animating a graph with a paint program is much more time-consuming, as each frame of the animation has to be prepared by hand – but it is possible. Here are just four frames from a ten...

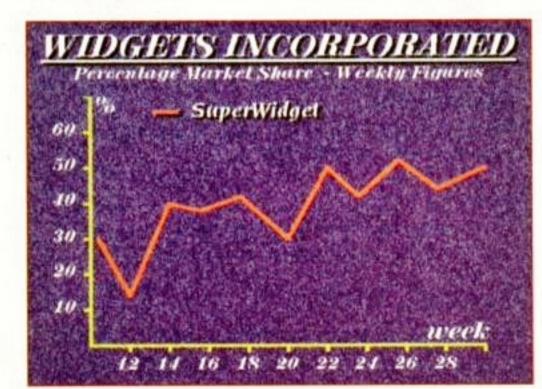
almost certainly won't have enough colours to produce the graph, text and a background. But feel free to experiment anyway. Why use hires interlace overscan? Because it looks crisper and it will fill the screen, whether it is output to video or displayed directly to a monitor. If you use a non-AGA Amiga, don't worry that you can only use 16 colours maximum, because that's usually plenty for most jobs like this. We're going to make a line graph which shows the percentage of two products' market share over a period of weeks.

Start by drawing the axes. Y (the vertical axis) will represent the percentage, whilst X will chart the week by week progress. I know from examining my raw data that the maximum Y figure will be 60 per cent, whilst the minimum will be 0 per cent, so (bearing in mind that we want to title and name the graph and have room to label the axes) set up a 10x10 grid to make it easier to accurately draw straight lines and align the labels correctly.

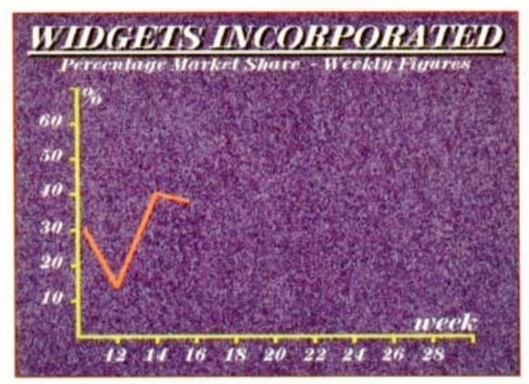
A slight repositioning of the whole graph framework might be necessary to get the right visual balance, so pick everything up as a brush and place it where it looks best, remembering to



Draw in the data for the two sets of figures by using the line tool (making sure that the grid function of your paint program is active).



Don't forget to add a key so that the viewer understands what each line represents.



...frame sequence. Save the resulting sequence as an animation and then play it back to check that the graph builds up correctly. Then go to the first frame, swap screens, load the background...

leave enough room for the title and name, as well as any company or other logo which might be required. Then add the title and name text. Stand back from the computer screen and make sure that all the text is easily readable.

If you're going to export the graph into a presentation program (*Scala MM*, for instance) you might find it easier to save the blank graph and then load it up in that program and add all the text there, because it will be easier to do fancy things like shadows, underlines and so on. When you've finished laying out the basic framework save the whole image as an IFF file and load it back to *DPaint* (if you've been adding the text elsewhere).

Now we're ready to start drawing in the actual data. Because I have two sets of data to represent on the graph I'm going to use two separate screens – one for the first set of data and the next showing both sets. Make sure the grid is active in

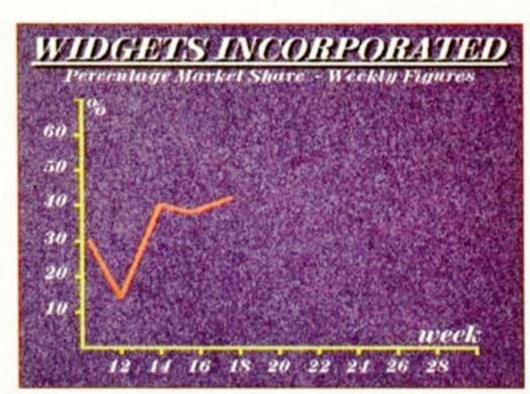
DPaint and select the line tool and a large square brush. Draw the first set of data (make some up if you don't have any handy!) on to the annotated graph in a distinctive colour, making sure that it corresponds with the intersections of the two axes properly.

Then, add a short description to denote what the line represents and save the new screen with a new name. Next add the second

set of data (in another colour), add a new description for it and once again save the image with a new name. We now have our two basic graphs, both without backgrounds.

What we do next depends on the method we will use to animate the graphs. The simplest method is to use a left-right wipe in a presentation program like *Scala* to progressively wipe between our three screens – the 'blank' graph, then the first set of data, followed by the second. If this is your preferred method then we must first return to *DPaint* and add our chosen background to each of the graph screens by loading it into the spare page, swapping back to the graph image and choosing the 'merge in back' command, saving each new page under its original name as it is created. If not, we'll come to animating the graphs with our paint program a little later.

Next run Scala MM and load the graph screens in sequence. Set up the left-right wipe transition (called Wipe East) for each image and run the script, using the mouse to advance the presentation to the next screen as required. You



...image you chose at the start, swap back and merge the background behind all the animation frames. Check the playback once more and save the completed animation.

should see each set of data appear as if it is being drawn across the screen. and there you have it! Experiment with other transitions if you like to see what other effects can work successfully with your graphs. If you don't have *Scala MM* then life is rather more difficult.

The simplest (and least elegant solution) is to simply make a *DPaint* animation which flips from one graph screen to the next and activate it manually. But this combination won't look too flash. A more elegant, but much more drawn out and memory-hogging method, would be to make each line of the graph draw itself on to screen in sections, using a technique called Scratchback. Scratchback involves modifying a single completed image to make a series of frames, each with progressively less of the image shown in each frame. The easiest way to do this is to determine how many frames of animation it will take to do

on the number of data points that your graph consists of – plus an extra frame for the initial blank graph.

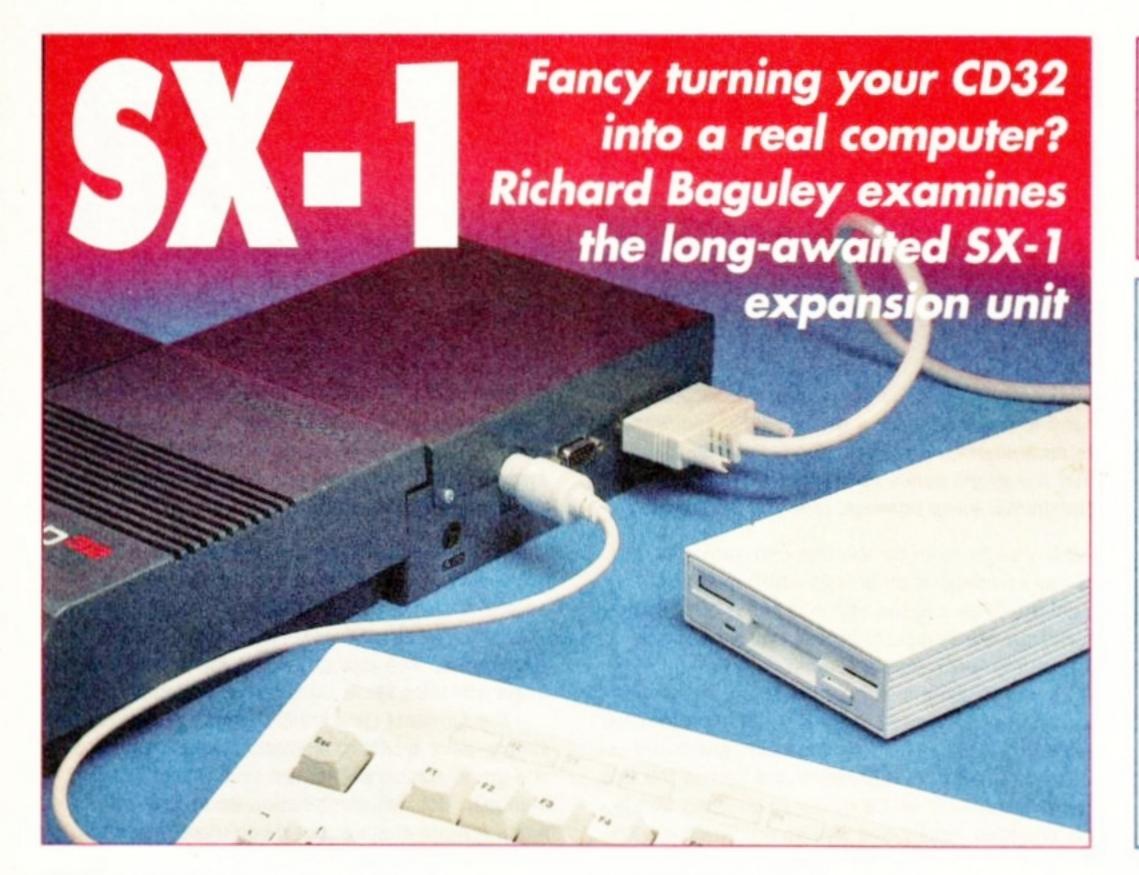
To do the scratchback load the final frame of the sequence (the one where the graph is complete), set the number of animation frames required and then go to the last but one frame. Remove the last portion of the graph line (the section which is furthest to the right), then go

back another frame, remove the last two portions and so on, until you reach the first screen, which should have no graph line on it at all when you've finished. If you have more than one data line to draw you'll have to add this sequence after the first section is complete and repeat the procedure described above to animate it. That's it! Without a presentation program it's obviously much harder to make an animated graph, but it *is* possible.

Now it's your turn. Try animating a bar graph (here's a tip if you use *Scala MM300* – draw the bars using the rectangle tool and then use individual bottom to top wipes to make each one appear to grow). Work out different ways of getting the result you require within the limits of your particular Amiga hardware and software, though bear in mind that some things may well not be possible if you don't have the right setup.

Watch for graphs on TV and try to emulate them with your Amiga. As I said at the start, graphs may not be your thing, but the experience you gain from animating them will come in useful for other projects you may be called upon to do.

Now you've learnt how to do a line graph, try your hand at doing a bar graph similar to this one.



here's no doubt the CD32 is a success, but a lot of people want more. Once you've played a few games, you want to get further into the fascinating world of computing. Only it's a bit difficult to get very far with only a CD32 controller to point the way ahead...

The SX-1 unit is designed to turn a CD32 into a "near A1200" (according to the PR handouts that accompanied it). This means adding a floppy and hard drive interface, a keyboard and the various other ports on the back of an A1200. For a full list of the ports the SX-1 offers, see the box headed "Interfacing".

Hardware-wise, the SX-1 is not particularly inspiring, but it does fit in well with the CD32. The off grey box is colour matched to the CD32 and

Kickstart version 48.56 Horkbeach version 39.29

Commodore-Amiga, Inc. All Rights Reserved.

o| AmigaShell

771-788 811-028 851-868

781-798 821-838 861-678

New Shell process 4 4.(BPB3:3.8> typed on a PC keyboard!

881-898

Kingfishe

A CD-ROM drive, a floppy drive, an IDE hard

drive - what more could a boy wish for ...

extends about seven and a half inches behind the CD32. It plugs into the expansion slot, and has an MPEG through port, allowing you to fit an FMV module. A nice bit of design allows you to still have the FMV unit inside the CD32, keeping everything looking nice and tidy. On the other three sides of the SX-1 are the interface ports, Using all of them gives rather a rat's nest of leads, and I also

noticed that the RGB socket (on the left hand side of the unit) was a bit of a problem when the monitor required a sliver adaptor, as it got in the way of the CD32 power socket. Apart from that, I really can't fault the external look of the unit. A switch to disable the expansion ports (except for the RGB, keyboard and memory) is fitted to the back of the box.

Inside the box, the SX-1 is composed of a single PCB. In the middle of this is a single SIMM socket, which can give up to 8Mb of extra Fast RAM. However, you should note that fitting an FMV unit will cut this down to 4Mb due to the fact that

the FMV card grabs a chunk of memory space for its own use. A 2.5 inch IDE hard drive can also be attached to the bottom of this card. A set of six jumpers allow you to set the amount of memory fitted and to test the memory. Two of the jumpers allow you to slow down the boot-up process, which is extremely useful if you have a hard disk which does not spin up quickly. A real time clock (with lithium battery) is also fitted.

Although a keyboard can already be fitted to the CD32, Paravision have decided to add the option to use an AT 101 key style keyboard as well. This is an extremely good idea, as this style of keyboard is very cheap (typically around £40-50). The only problem comes with the Amiga keys, as these obviously aren't present on a PC

이 CDPD3 188% full, W fre[변경

-

CLIPART

615

keyboard. These are remapped on to the F11 and F12 keys, which are not present on a normal Amiga keyboard.

All of the expansion ports use the standard Amiga devices, so any program should be able to access the serial and parallel ports. I tested the serial port by downloading a file from a BBS using a V Fast Class modem, and the serial port had no problems handling a data speed of 28,800 bits per second.

The parallel port was tested using the Liana networking system, and once again I did not come across any problems. The keyboard emulator is also completely hardware based, so it should work with any program, no matter how much it bashes the metal.

So what would it cost you to turn your CD32 into an A1200? The SX-1 itself costs £199, and a floppy disk drive will cost you around £40, and a keyboard will cost you around £50. Assuming that your CD32 cost you the usual sum (around £250), this gives a total of around £650. Contrast this



WHAT
CD32 Expansion unit – £199.99
WHO
Paravision
WHERE

Indi Direct = 0543 419999)

INTERFACING

The SX-1 adds the following ports to the CD32: **Serial** – a 9 pin male socket (A 25 pin socket is fitted to the A1200).

Parallel - a 25 pin female socket.

RGB Video – a standard Amiga 23 pin male socket.

Floppy Drive – standard Amiga 23 way female Socket. Can be used with any standard Amiga drive (although power supply limitations mean that you shouldn't plug more than two drives).

IDE – two hard drives (one internal 2.5 inch model and one external) can be fitted to the SX-1 as required.

Keyboard – an IBM AT 101 key style keyboard can be fitted via the SX-1

Audio Input – combines another audio source with the CD Audio output.

with the typical cost of an A1200 (£330 for a desktop dynamite pack), and you can see that there is a pretty significant difference. To be perfectly fair, the SX-1 setup will be able to display FMV (which the Amiga 1200 with CD-ROM drive won't), but there are relatively few other benefits over an A1200.

This unit will certainly appeal to those who have a CD32 and don't want another machine cluttering up their table, but it's a pity that adding functions such as disk drive and keyboard are so expensive. Although it's not cheap, it certainly fits in flawlessly with the CD32 and makes it (more or less) into an A1200.

There is also a certain feel-good factor about being able to watch Video CD movies on your monitor, and this may also prove important for home movie makers, as the signal can be genlocked. The only omission is a PCMCIA slot, and that isn't much of a loss. I dare say that this piece of kit will find its way into many a CD32 owners' hearts, but I really can't see an A1200 owner defecting because of it.

CHECKOUT PARAVISION SX-1

Design

85%

It's a pity the sockets could not have been a bit better arranged, but it fits in with the CD32 very well.

Expandability

90%

Allows you to add peripherals, such as a modem, to a CD32 while still watching Video CDs.

Value

80%

It's certainly more expensive than buying an A1200, but it's not bad value considering what is built in.

Overall Rating

85%

It's not a cheap solution, but it does turn your CD32 into an A1200. What more could you want in life?



Digital Broadcaster 32 is a Zorro III card which works in either an accelerated A4000-030 or A4000-040.

looking like the future of video editing I visited White Knight

Technology to get a demo of AMI's Digital BroadCaster 32, the first non-linear editing system for the Amiga to actually hit the street. Here's an account of what I saw. This isn't a review, because, firstly, it hasn't been possible to get my hands on the full kit for a long enough period to give it a good testing and, secondly, because there are still slight adjustments being made to the software, although the unit is now ready to rock 'n' roll.

Digital BroadCaster 32 is a Zorro III card which works in either an accelerated A4000-030 or A4000-040. It features real-time onboard hardware to compress and decompress video streams to and from hard disk to give instant random access to any stored frames, or playback video clips instantaneously in any quality up to full-spec broadcast. You might be thinking that the DBC 32 is just a variation of DPS's excellent PAR system, and you'd be right - up to a point. However, what makes the DBC 32 different is that its main function is as a non-linear video editor, which means that any of the clips which have been grabbed from video to the DBC 32's dedicated hard drive can be arranged for instant playback in any chosen order, and trimmed to fit, just like 'real' video editing, only with fingertip control and no waiting for tapes to spin up and play back.

Video input and output is via an external breakout box which has connections for composite, S-Video and component (Betacam)

Nonlinear future

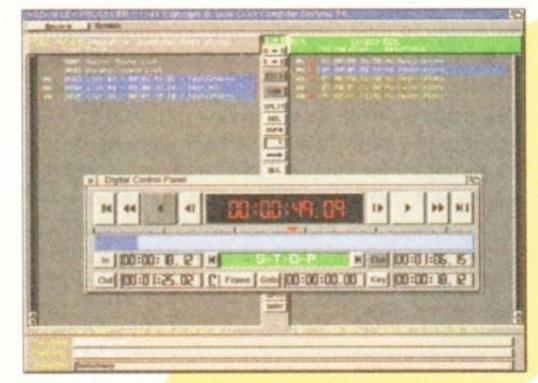
Gary Whiteley gets a sneak preview of the first Amiga non-linear video editing system.

video inputs

and outputs, as well as connections for the two standard time codes (LTC and VITC) and CSync output. *DBC 32* offers a wide range of image quality, depending on the compression ratios chosen when the video clips are digitised.

By using time code to make an Edit Decision List (CMX format) the program can be rough-cut on the *DBC 32* and then 'on-lined' in a conventional edit suite to achieve full video quality. This type of low-quality editing is useful when the programme will be a long one and it would be cheaper to online the finished product (typically, only 12 minutes of broadcast-quality video can be stored on a 2.1Gb hard drive).

For shorter programmes, such as adverts and pop promos, there's no need to take this route because it should be possible to fit the required



We will be doing a full review of the Digital Broadcaster 32 as soon as we can get hold of one

clips on to the hard disk, edit the programme with the *DBC 32* and output the finished product direct to tape for delivery – even at full broadcast quality. For the technically-minded, the *DBC 32* fulfils CCIR 601 and 4:2:2 digital video standards and outputs 720 x 576 pixel overscan images in PAL. It also works in NTSC.

FLEX YOUR MEDIA

MediaFlex Producer, the software which drives the DBC 32 and controls all the functions of the DBC 32 - from digitising and compression ratios to editing and playback. It appears to be fairly simple to use, with clips being dragged, or cut and pasted, into position. Although there is no onscreen representation of the clips as there is with some other non-linear systems (licensing this idea from the copyright holders would be too expensive for AMI) each clip can easily be displayed on a video monitor as it is called up, and clips can be tagged with descriptions to keep track of them more easily. Trimming clips for accurate editing is easy, while the stored clip remains unaffected in any way. Only the playback reflects the changes made to the edit.

With some extra work and software A/B roll editing with transitions is possible, though from what I gathered during the demo this is rather time consuming at the moment as all the transition frames have to be processed before the transition can take place. Upcoming versions of the *DBC 32* promise to speed up this process considerably.

WHAT ABOUT SOUND?

DBC 32 can link up with an optional hard drive and Sunrize Studio 16 card, or a dedicated new 32-bit Zorro III card, to provide simultaneous CD-quality audio digitising and playback along with video. Sound clips can also be edited just like video clips. As well as being a non-linear editor the DBC 32 can also be used for recording single frame animations and time lapse recording.

During the demo I must say that I was very impressed with the quality and performance of the *DBC 32*, though there are still some areas of the software which could do with improvement. For instance, there is no drive defragmentation routine available to reorder the data on the storage drive, so when the drive starts to fill up fragmented files slow down the transfer rates, which could be a problem at broadcast quality.

Another thing – DBC 32 only works in fields. This is fine for absolute quality, but not always necessary and at the moment there's no option for switching between fields and frames. No doubt these problems will be ironed out and the Digital BroadCaster 32 will go on to achieve the success it deserves. Even at around £8,500 (ex-VAT) for a complete audio/visual system, the DBC 32 compares very favourably with other (non-Amiga) non-linear edit systems.

NON-LINEAR EDITING - WHAT IS IT?

n traditional video editing segments of video are copied from the source tapes to the edit tape. The trouble is, tapes are linear, so if you want to access a sequence that's 45 minutes into the roll, then you have to wind the tape on until you get there.

With non-linear editing you still have to wind the tapes, but only until you've transferred the required clips to digital computer storage. Once on digital disk, the compressed data can be randomly accessed and a non-linear editing system can be developed. The data can be organised and edited directly on the computer screen, with instant playback of any part of the show.

Once edited, the programme can be output directly to videotape for distribution or an Edit Decision

List (EDL) can be generated from any time code supplied with the digitised clips and the original tapes then taken into a conventional edit suite for mastering, effects etc. Nonlinear editing saves time previewing edits and reduces wear and tear on precious master tapes. Because it is digital, the quality out is as good as the quality in – even at broadcast quality compression ratios.

WHAT

Digital Broadcaster 32 - £3989 WHO

Applied Magic Inc.

Applied Me

WHERE

WHO WHERE WHO

WHO WHERE WHO

Exclusive UK Distributors:
White Knight Technology # 0992 714539.
Also required: Fastlane 73

Also required: Fastlane Z3 SCSI-II controller (£299) and Seagate Barracuda hard drive (2.1Gb – £1439, 4.2Gb – £2269).

very month, we take your Amiga problems and solve them. In every issue we set our team of experts a simple task: to take the problems that our readers have and find a solution.

Sounds simple? Well, the problems we solve in Amiga Answers range from the simple to

the highly complex. We've taken a selection of the best from last year for this special issue. If you have a problem that needs solving, you'll find the question form in every issue of Amiga Shopper.

Our team certainly know what they are talking about. Between them they have amassed many

years of Amiga use: Mark Smiddy knows all there is to know about AmigaDOS and floppy drives. Jeff Walker is our desktop publishing, fonts and printer correspondent. Gary Whiteley is a trusted expert on video applications and graphics. If you have a query about comms, we'll set our guru Dave Winder on

the case. Toby Simpson is our code clinician. If you've got problems with anything from C to assembler, try taxing his little grey cells. Finally, we've got a man you can rely on when it comes to operating systems programming - Paul Overaa.

Have you got a problem? You know where to come ...

AT TRICK



When I use the Shift key with the 2 key to get double-quotes, I get an @ character shown on the screen. Is this just my A1200? Can I fix it as I can't use many of

the commands in GFA-BASIC?

Alexis Vallance Chatburn, Lancs

You have American selected as the Keyboard Type in the Input preferences editor. You need to select the British keyboard type. Jeff

TWO INTO ONE



Am I unique amongst Amiga users in that I want to connect two display devices to one Amiga?

I have an Amiga 1200 which I use for WP, DTP and the odd game and I

have it hooked up to a Philips 8833 MkII monitor. Alongside the A1200 I have a 21" TV which has an RGB input via a SCART connection. I found it easy to obtain the relevant leads for each monitor, but my troubles began when I wanted to connect the two together so that I could switch from one to the other without having to unplug and swap leads. Because of eyesight problems I prefer to use the RGB on the 21" TV as the larger size makes it easier for me to cope, but there are times when I want the TV on whilst I am using my computer, so then I need to use the Philips monitor.

The biggest problem is that the RGB connections are at the back of the A1200 and because of the way I have my system set up it is not very accessible - plus continual plugging and unplugging is not recommended. The simple answer seemed to be an adaptor box with a 23pin input and two 23-pin sockets for the outputs, preferably switched.

Despite trying a number of dealers I have been met with blank stares because not only are they unable to supply such an adaptor but it seems that I'm the only person who has ever asked for such a device.

Surely there must be others who want to connect two monitors to their computer and if anyone is already doing it, I would be glad to hear their tips on how to do it. Equally, I would be glad of any advice you can offer, or if you could point me in the direction of a suitable manufacturer. I should also add that I haven't even been able to find a dealer who can sell me 23-pin connectors.

> Brian McMahon Corby, Northants

No, you're probably not unique Brian, though I'd

hazard a guess that you might just be something of a rarity.

Let's look at a few possible solutions, since I'm pretty sure that the kind of switching device you're looking for probably isn't (and never has been) available anywhere in the known universe.

Perhaps the simplest solution is to build yourself a 23-pin to 23-pin extension cable (or get someone else to do it if either your eyes or your soldering aren't up to it). This way you could at least access the RGB signal easier, even if it isn't switchable, and because the Amiga end remains firmly in place, you won't need to worry about straining the RGB socket. But don't forget to switch off your Amiga before changing the cables over.

And before you remind me that you can't find 23-pin plugs and sockets, try calling Videk (# 081 204 6690) and ask them if they've got any because they had when I called them in late April and, as far as I am aware, they've supplied them for at least the last five years.

A second possible solution would be to get hold of a switched SCART splitter box and connect your Amiga to this, then plug in a pair of suitable leads (SCART to SCART for your TV and SCART to 9 pin D-connector for the 8833) to feed the monitors and switch as necessary. Try flicking through a few camcorder or video magazines to find a supplier for such a SCART switcher or call one for around £17 including P&P. If you need special leads making up to go from SCART to the 8833, then ask Trilogic about this - they make leads up too. Gary

BJ OR DJ?



I am using PageSetter3 with my A1200 and Star LC-20 printer. I want to upgrade my printer and am thinking of buying either the Canon PRINTERS BJ-10sx or the Hewlett-Packard

DeskJet 310, which has a colour option. Which of these would you recommend, or any other for around £200. Colour would be nice, and I'd use it just for structured clip art - I don't expect photorealistic quality.

> M R Sutton Swansea

Sounds like you've already made your mind up to me. If you want colour then the DeskJet 310 is certainly the best value option around at the moment, although you will have to invest in Studio Printer Software (£50) to get a proper driver and support for the features of that printer that Workbench does not support. You should keep in mind that colour printing is a more expensive

pastime than mono printing - ink costs are more, media costs are more (the wet ink does not print well on to ordinary bond paper), and colour pages take three times longer (or more) to print than mono ones.

The Canon BJ-10 has proved to be a very popular mono printer indeed, and it has stood the test of time. Also in its favour is the fact that you can get a disk of Amiga drivers and support programs free from Canon. Rather then dive straight for the BJ-10sx, investigate the BJ-200. which features much faster and much better printing technology than the BJ-10sx, and is selling for under £300. Jeff

GOING INTO BUSINESS



I am going to use my A4000/030 (2+8Mb, 80HD) as the basis for a business venture and would much appreciate your help. The Amiga will HARDWARE need to be connected to three

chained SCSI devices: a flatbed scanner; a large external hard disk; and a removable storage disk of some kind, probably an optical disk or SyQuest. Can I simply connect the above devices and set their SCSI IDs, or do I have to remove some resistors?

I want to treat the removable media as a PC format device. Commodore gives an example in the Workbench 3 manual of altering the mountlist for CrossDos to do this for a SyQuest. If the manufacturer does not provide Amiga drivers, could I easily design a new mountlist entry for another SCSI device like a 1.3Gb optical disk? Are there any good books on this subject?

What Amiga software drives SCSI scanners? I'm interested in the Epson GT-6500, and especially the HP Scanjet IIcx. What software is best for cleaning up large, 16-greys scans?

Lastly, does ProPage 4.1 give reasonable WYSIWYG of large scanned images (A4, 300 dpi, 16-greys) on a 640 by 512 16 colour screen so that I can get a good representation of what my final output will look like? I don't want to resort to graphics boards or slow 256-colour AGA. Is ProPage capable of dealing with black and white A4 documents that contain well over 250Mb of scanned graphics data?

I know you are probably thinking at this point "Please go to your local Apple dealer straight away and get him to slap you around the head with a couple of PowerPCs", but there is method to this apparent madness.

> Paul Field London SW18

I'm not thinking that at all, although the DTP task you describe may need more memory than you

currently have. We'll get to that in a bit, first SCSI.

You don't have an SCSI interface with the A4000, so your first stop is to buy one. There are various options, and the absolute best advice I can give you is to approach a single Amiga dealer to supply you with the SCSI card, the large external hard disk, and the removable storage device.

A reputable dealer will ask plenty of questions to ensure that he is supplying you with exactly what you need, and he will be able to help you with any installation problems you may have, including writing mountlists if necessary. When you buy from a reputable Amiga dealer you don't need good books on the subject.

Before spending your money, ask the dealer if he is prepared and able to provide you with this sort of after sales service – if he isn't, then shop elsewhere. Brian Fowler Computers • 0392 499755 would be a good place to start.

One fact I should prepare you for is that to format a hard disk or removable disk as PC format you will require version 5 of CrossDos. The version which comes with the Amiga is an earlier version of CrossDos which can format floppies as PC disks, but that's all. However, if the removable media is already PC formatted (at work, by a friend...), the version of CrossDos which comes with the Amiga is fine for reading and writing to that media.

On to the second of your questions. The Epson GT scanners are the best supported flatbed scanners on the Amiga. Alas, there is no Amiga software which drives an Epson GT scanner via a SCSI interface, so you'll have to plug it into your parallel port. While this isn't quite as fast as driving it via SCSI, it works well.

However, if you want a printer plugged in as well you'll have to get a switch box or multiport card that is fully wired for bidirectional parallel data transfer. The best one-stop Amiga software for scanning and retouching scans is ImageFX. Many users prefer the ASDG scanning software that goes with ADPro, but ADPro is

useless for retouching.

Now then, this is where we get to the possible memory problem I mentioned. For greater processing accuracy, image processing and flatbed scanning software will hold greyscale data internally in 8-bit format, even though you may be displaying it in 16 greys.

A 300 dpi A4 scan will be around 2500 by 3500 pixels; at 8 bits per pixel this calculates to 70 million bits of memory required to store the image data, which is approximately 8.5Mb.

As you have just 8Mb of expansion memory, there is no way you are going to be able to scan (or load) such a large image unless you use virtual memory. ImageFX has built-in virtual memory support – it's data caching really, which doesn't require an MMU so will work on the A4000/030 – but you'll find that while you may be able to accept the decreased scanning speed, it will be frustratingly slow to work with when retouching. Your only realistic options are to buy more memory (another 8Mb to be comfortable) or to scan at a

SERIOUS DTP FOR WOULD-BE PROFESSIONALS



As I intend to get seriously involved with Amiga-based professional desktop publishing, I'm in

desperate need of some suggestions and advice.

- 1.) What is the minimum configuration, hardware-wise, for a professional Amiga-based DTP set-up?
- 2.) Is the Amiga capable of being connected directly to a typesetter or imagesetter? Are these PostScript-compatible devices?
- 3.) What are the processes involved concerning 4-colour separations? Can it be done on the Amiga, outputting to a mono PostScript laser printer, or should I definitely always use an output bureau?
- 4.) How am I going to transfer files to an output bureau? SyQuest removable hard drive? Floptical? Magneto-optical?
- 5.) Can you propose a complete and viable professional solution for Amiga-based desktop publishing?

Steve Siopoulos Athens, Greece

OK, Steve, I will answer all your questions, but before I start, let's get one thing straight – if you imagine that setting up a professional desktop publishing system based around an Amiga is going to be cheap, then get your head out of the clouds, because it isn't.

It certainly can be done more cheaply than on other platforms, and to almost the same high standard (the Amiga lacks one or two bits of specialised software, most notably an Amiga equivalent of Adobe Photoshop or MicroGrafx's deeply wonderful Picture Publisher), but it is still going to cost a few thousand pounds.

1) The smallest Amiga you require is an A4000/030, but an 040 would be much, much better because it is much, much faster. You will be best off with at least 1Gb (one gigabyte) of hard disk storage space because typical desktop publishing files - 24-bit graphics, PostScript fonts, clip art, documents, templates and so on consume a lot of disk space. Fitting a large drive like this will require purchasing a SCSI controller card (which you'll need for other things anyway; for fitting a CD-ROM drive for example), and if you want the drive to run quickly, as quickly as it will have been designed to run, then you will require a proper SCSI-2 controller as opposed to a cheap SCSI-2 compatible controller, which will be a SCSI-1 controller that understands SCSI-2 commands, but cannot execute them at the same speed.

You can cut down your storage space requirements (get away with a smaller hard drive) by regularly backing-up to floppy or tape streamer, but this is time consuming and, in the professional world, time is money. Only you will really know which will be the best trade-off.

You require at least 18Mb
(eighteen megabytes) of memory
because typical desktop publishing
tasks require acres of the stuff. The
more memory, the better. I have
26Mb and still run out of memory
at times, forcing me to use the
GigaMem virtual memory program,
which gives me more memory, but
slows processes down. And not

everything will work with virtual memory.

You will almost certainly require a flatbed colour scanner, and you will definitely require a PostScript mono laser printer on which to proof your work – mistakes will prove very costly if they are discovered by the output bureau.

Lastly, you will definitely require a decent multiscan monitor - 17in or larger would be best. Trying to desktop publish professionally on a TV set or cheap monitor is like trying to draw with a fine pencil on a brick wall - you can do it if you really stick at it, but it is going to take you time to become an expert at it, and everyone who passes will laugh at the sad plonker who doesn't understand that fine pencil strokes show up best on fine art paper. As most decent multiscan monitors do not sync down to the Amiga's 15.6 KHz refresh rate, the most professional option may be to buy a normal multiscan monitor and fit it to a graphics card like Retina or Picasso II, which will also of course enable you to work with true colour 24-bit graphics on the screen. (That's the route I took.)

- Amiga to an imagesetter if you really need to, but it will be much more convenient for both you and the output bureau if you simply give them your PostScript files, which the bureau will then download straight to the PostScript compatible imagesetter or other device.
- 3) The 4-colour printing process is an extremely complex subject. There are such a vast number of variables involved that it is much, much easier for the inexperienced desktop publisher to get it wrong.

than it is to get it right.

Consequently you would be better off taking advice from your output bureau regarding screen angles and densities, undercolour removal, page sizes and much more.

There is absolutely no replacement for experience in this area, and you can learn a lot by experimenting with output to your PostScript laser printer.

At a pinch you could get away with producing your own separations on film on a 600 dpi laser printer, but the results are not going to be comparable to those you see in the books, magazines and leaflets all around you. For full colour, you really need the higher resolutions that imagesetters offer.

Both of the Amiga desktop publishing programs (*PageStream* and *ProPage*) are able to produce 3-colour (CMY) and 4-colour (CMYK) separations, as well as mechanical or *spot* colours.

4) How you transport the files to the bureau will depend on what format that bureau is willing to accept them in. Most bureaus will accept SyQuest cartridges, but some will accept only Macformatted SyQuest cartridges, which means fitting a Mac emulator to your Amiga.

Alternatively, many bureaus will accept data down the phone line, which is a much more convenient way to do it – and, with a fast modem, it is nowhere near as expensive as it might at first appear to be. If the files are not large, you could transport them on MS-DOS format floppy disks, of course.

5) Certainly. My consultancy charge is £100 per hour, plus expenses. (What's the weather like in Athens at the moment?) **Jeff**

I JUST CAN'T GET TO GRIPS WITH...

DEM BONES



I've been using Imagine 3.0 for a few months now, after two years of using the previous version, so I wouldn't say that I'm a stranger to **SOFTWARE** the workings of 3D software.

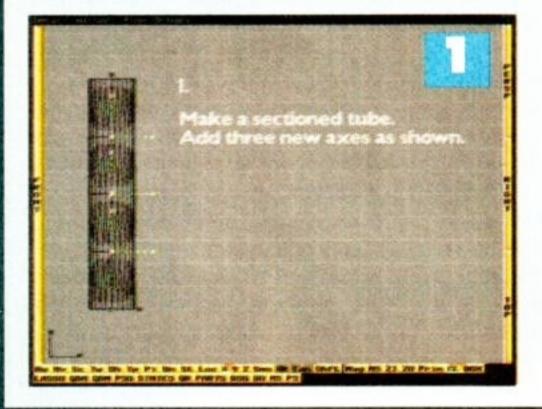
But there is one important feature of Imagine 3 that I just can't get to grips with. The Bones feature!!

Honest to God, I've read that section of the manual more times than I care to remember and I still can't make head nor tail of it. Just one of the inadequacies of the manual I think...

Would it be possible for you to print a Bones tutorial for Imagine 3 in Amiga Shopper some time? I think that there are a whole lot more people than myself who would appreciate it!

Jonathan McBrien, Drumclay, Fermanagh

I can certainly sympathise with your difficulties Jonathan, because I had pretty much the same trouble when I tried to follow the manual and find out how bones work. Eventually, after a lot of fiddling, the penny dropped and I realised how

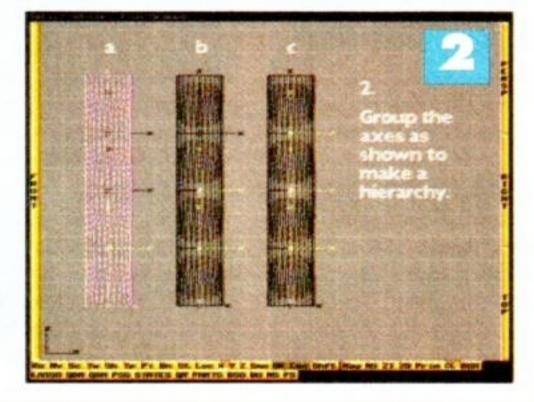


Bones work. So here is a simple tutorial to show you (and any other lost soul out there) how to get started with Bones.

It must be said that the procedure can be a bit complex and labour intensive, but there's no easy way to do Bones, so follow the tutorial closely and you shouldn't go wrong.

The first thing you need to do is open Imagine's Detail Editor. Then add a primitive tube with the following dimensions: Radius 20, Height 200, 24 circle sections and 4 vertical sections. Make the top and bottom ends closed. This will be our basic object to which we will add bones and then make them move.

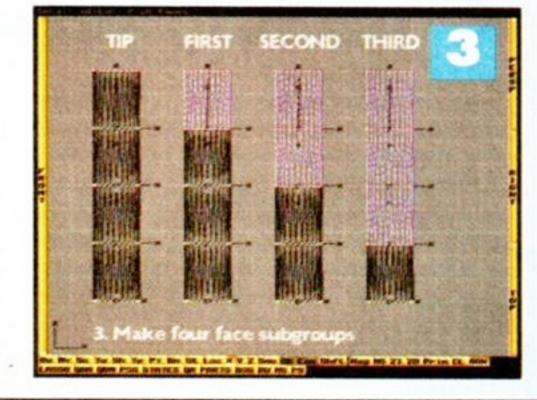
Next we must add a series of axes to represent the bones. In our example we need to add three axes altogether, one for each section of the tube. Think of the division between each section as a joint. Position each axis centrally in the tube (this should be at X=0, Y=0), with each one level with one of the three vertical section dividers. In the example the Z positions for the axes are 50, 100 and 150 respectively.



To make Bones work correctly we need to group them hierarchically to the parent axis of the tube object. Do this by holding down a Shift key, selecting the tube object, then the lowest Bone axis (Z=50), and group them together (Right Amiga g). The axis at Z=100 must then be grouped to the axis at Z=50, and the axis at Z=150 grouped to the Z=100 axis.

What you are essentially doing is mimicking a bone structure like the one in your arm. The parent axis represents the shoulder, to which the arm is attached. The other axes are like the elbow, wrist and first set of knuckles, each joined to the last and moving when its parent joint moves, as well as when the joint axis itself moves. By grouping the Bones like this you have made a hierarchical group.

We now need to make a series of face subgroups for the Bones to connect to and influence the movement of. This is probably the most awkward part of the whole Bones procedure to grasp, and the example in the Imagine 3



lower resolution.

Now ProPage. When run in 16-colour mode, ProPage 4.1 reserves just four greys for displaying coloured and greyscale bitmaps - that's black, white and two shades of grey. The other 12 colours are reserved for the user interface and for displaying structured drawings and fonts in colours. This 4-greys representation is normally good enough to see what the bitmap is and to position it or put words on top of it or whatever, but it is certainly not WYSIWYG.

You cannot really blame ProPage, it is a simple limitation of working on a 16-colour screen. If you want a better WYSIWYG display then you can flip to 256-colour mode, then flip back to black and white or 16 colours to continue work.

For display purposes, ProPage holds bitmap data internally in only as many bitplanes as the screen mode. So in 16-colour mode your single 300 dpi A4 scan will consume about 4Mb of memory. I don't know where you get your figure of "250Mb of scanned graphics data" — keep in mind that a bitmap's filesize bears no relation to the memory it will consume; that's decided by the depth and pixel dimensions of the bitmap - but if we say you want 10 different A4 300 dpi scans in the document, then you will require about 40Mb of memory to hold them all in RAM.

Naturally this is asking too much, so you will have to keep all the graphics "hidden" — which means you will load and position them one at a time, but before loading the next one you will first

"unload" the previous graphic so that ProPage can free the memory that graphic is consuming. On the screen you will get a rectangle with a cross through it. Naturally you may reload the graphic at any time, provided you have enough free memory of course.

At print time you may require even more memory because the real bitmaps (as opposed to the quick display representations) are loaded into memory again from disk. Printing in Greyscale mode will use 4 bits per pixel (for the whole page, not just for bitmaps), printing in Colour mode will use 12 bits per pixel.

ProPage 4.1 has a feature which enables printer data for bitmaps to be cached temporarily to hard disk, which will enable you to print the kinds of massive bitmaps you want to work with without having to buy megabucks of memory, but you may find that this cache will need to be set to 50Mb or more if there are many large bitmaps on your pages.

Naturally you must first ensure that at least this amount of free space is available on the hard disk. This is for "preferences" printing by the way - printing to a dot matrix printer using a Workbench printer driver. If you are outputting to a PostScript device you will not require a lot of memory in the Amiga for printing as the pages are imaged in the printer's memory, not in the Amiga's memory.

So you see the platform you are using is only a small part of the solution. The A4000/030 is just as capable of doing what you want to do as is

a PowerPC, though not as quickly without some speed-up hardware, but the bottom line, as it is on any platform, is memory and storage space. Jeff

TINY MIND BLOWN



My PowerScan 3 uses all the available memory in my A500 (2.5Mb total) and I have no trouble when it comes to manipulating the **SOFTWARE** images. However, when I load the

scanned images into Deluxe Paint II I keep getting "Out Of Memory" messages.

Is there any paint package (preferably one including some basic image processing) which uses fast RAM instead of only Chip RAM? Or is there any software available that can be used with DPaint to make it use fast RAM?

> N. Wood Rickmansworth, Herts

I think you'll find that Deluxe Paint II (like almost every well written program) uses any memory it can get its pixels on - which means both Chip and fast RAM. My best guess at solving your problem is that either your RAM could be faulty or that your images are just too big to display successfully with DPaint and your current memory. Remember that DPaint also needs RAM to run, and it is unlikely that your Amiga will have less free memory after DPaint has loaded than when you were running the PowerScan software.

Otherwise, there should be no problems. Years ago, when I was running DPaint II on a 1.5Mb

...BONES IN IMAGINE 3

manual doesn't explain this part at all well. What will happen is that two subgroups will be 'attached' to each bone, one subgroup which will move the furthest during the bone's manipulation and the other which will move the least. It's easier to show how to do it than describe how it works!

Think of the tube as a finger (admittedly with an extra joint). When the joint at the top of the finger moves the fingertip moves much further than the joint itself. The same holds true for each of the other joints. Bones simulates this hierarchical motion.

We need to make several face subgroups, so do the following: Select the tube object. Go into Pick Face mode (Right Amiga 5). Then select the Drag Box pick method (as opposed to Click), hold down a Shift key and drag a box out around the faces which make up the upper closed end of the tube. Now select Make Subgroup and call this subgroup TIP. Next select all the faces between (and including) the tip and first joint of the tube (working from the top down).

Use Make Subgroup again and call this

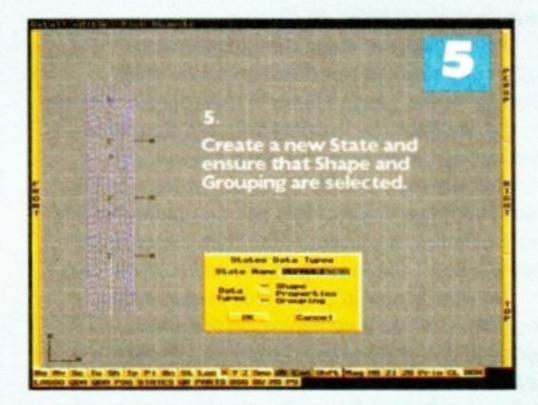
Assign the Bones Subgroups for each Bones axis

subgroup FIRST. Then select everything from the tip to the second joint (where the Z=50 axis is). Call this one THIRD. You can actually use any names you like, of course, but maybe you should stick with these for now.

To get the Bones to work we have to attach the subgroups to them in a very specific order. Pick the uppermost axis (Z=150) and then select Bones Subgroup from the States menu. A requester will appear. In the upper text field type FIRST (don't forget to press Return after entering the name). In the lower text field enter TIP. This process sets the sphere of influence for the first bone. Click OK on the requester.

Move to the next Bone and enter SECOND in the upper field, FIRST in the lower one and click OK. For the third Bone down (Z=50) enter THIRD and SECOND respectively.

The next step is very important. Pick the tube object and then select States. Create a new State (call it DEFAULT) and make sure that Shape and Grouping are both selected.



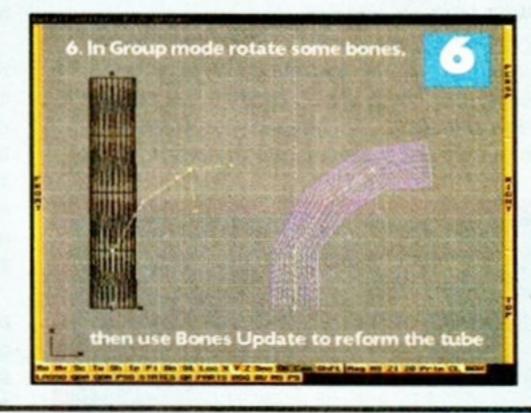
Click on OK. Save the grouped object (Right Amiga 1) as BonesTest.bon.

Now comes the fun bit. Remain in Pick Group mode (right Amiga 1) and select a bone (try the third one down) in the Front view. Rotate it a little (right Amiga r) around the Y axis. Rotate other Bones if you wish. Then select the parent object (the tube) and select Bones Update from the States menu. You should see your object snap to its new, deformed, position.

You could now create a new State for this position (call it FIRST, perhaps) and save the object again. Ensure that Shape and Grouping are selected when you make a new State. Test out your States with State Anim. When you come to set up an animation in the Action Editor just make sure that you set the correct object State for each part of the animation.

And that's the basic method for making Bones. Modify the basics by using more axes and divisions for a smoother look.

I hope I've helped you figure it all out now. Gary



Amiga 1000 I could still produce 70 or 80 frames of hires interlaced animation in up to 8 colours, though often I would run out of memory and have to split an animation into several parts.

The solution? - either add yet more memory, or continue to work within the frustrating limitations of your current Amiga setup. Gary

WHEN WILL THEY LEARN?



no-one can help.

I hope you can help me. I purchased a second-hand Philips ViewData Information Terminal 2 monitor (Type 311310866540) and I have tried everywhere to get a lead for it but

I found a shop which was prepared to make a lead up, but I don't have a manual for the monitor and nobody could tell us the connections. I called Philips in Croydon, and another place called VisTec - but to no avail. Could you help us to get a lead?

Could you also tell me how much the manuals for my A600 would be, as mine were stolen, along with some other things.

Mrs Paula Warriner Folkestone, Kent

I'm sure this will end in tears, Mrs Warriner, because I reckon you've probably bought a turkey. Your query is one which I regularly get - "I bought a second-hand monitor, but I can't get it to work with my Amiga". Well, you might strike lucky, but buying an unknown monitor without a manual is a big gamble, no matter how cheap the monitor is. There are so many different types of monitor available nowadays, but relatively few of them which work with the Amiga.

Call Philips again, tell them what you're trying to do and make sure that they don't give you the runaround. Ask to speak to someone in a technical department concerned with computer monitors - they may actually be at another location so be prepared to call elsewhere. Have all the relevant serial numbers, model and other details ready and be patient!

It isn't Philip's, fault that you've bought a monitor which might not work with your Amiga. I'm sure they'll try to help you if they can, but I wouldn't be too hopeful about getting a successful result if I were you.

As for the manuals, call Commodore on = 0628 770088 and enquire there. Gary

NEW AMIGA, NEW PROBLEMS



My query is in regard to using two video titling programs - Broadcast Titler 2 and ProVideoPlus - on my new A1200. Both programs used to work fine with my A500 but now I've got problems.

When I boot using the ReLocKick disk I can get BT2 to boot with no problems but if I install it on my hard drive I am instantly confronted with the font requester page and that's where it sticks. What's going on here?

When I try to run ProVideoPlus all I get is a Workbench screen. Help!

> Frank O'Shea Pontardulais, W. Glamorgan

I'd hazard a guess that ProVideoPlus doesn't work on your A1200 because it's guite old now - and certainly pre-AGA in its design. Which would mean that it wasn't written to run on AGA machines such as the A1200, and so it may not work properly. It seems to be the case as far as you are concerned.

As for BT2, I spoke to distributors Meridian Software and they said that they've been inundated with user problems in regard to BT2 working on AGA machines. Apparently it works OK on some machines and not on others - but nobody seems to know why. Meridian suggest that you call or fax Innovision Technology (# 0101 510 638 0800, Fax: 010 510 638 6453 - marked for the attention of Tom Patrick), the makers of BT2 and ask them if they've solved the problem yet. There was suggestion that Innovision were going to release a version of BT2 which supported AGA but this doesn't seem to have happened yet.

So it seems that you're stuffed, at least as far as BT2 and PVP go. My best suggestion would be to first contact Innovision, then - if you get no joy consider shelling out some big bucks for Scala MM300. You could also try using WB3 instead of ReLockick and see if that helps. The bottom line is that times change, machines improve and some software gets left behind. Unfortunately, that's how it goes in our fast-moving world of high-tech. Gary



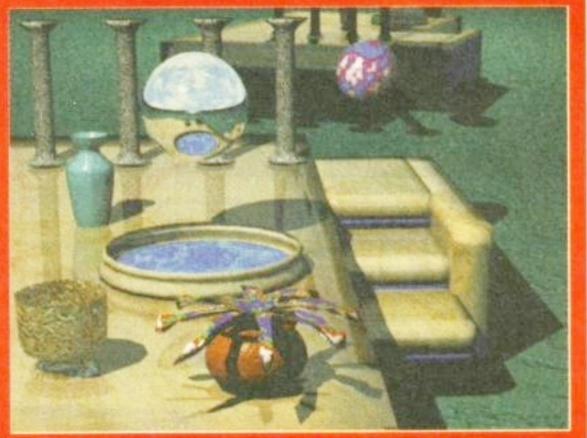
Every month Graeme
Sandiford reviews and
rates the very best of
Amiga PD and
shareware programs only in Amiga Shopper.

his is a quality selection of my favourite PD and shareware programs this year. In these pages of "the mag you cannot afford to miss if you are serious about your Amiga" I do my very best to find you the most useful, interesting, weird, unusual, beautiful and tasty PD programs I manage to lay my hands on each month.

VIEWTEK 2.1

KEW=II (disk no. V1145)

Without doubt, one the PD utilities I have found most useful over the past couple of years is Viewtek. This handy Wb 2+ program can be used to view animation, pictures and even convert picture from GIF or JPEG to the IFF format. It has



Viewtek is an indispensable tool for view graphics files, and with the arrival of 2.1 it's even better.

been written by Thomas Krehbiel who also happens to be the creator of *ImageFX*, one of the top image processing packages for the Amiga. One of the things that most people like about *Viewtek* is the ease with which it can be used. You don't have to fiddle around with hundreds of AmigaDOS options, although you can if you desire – you can just double-click on its icon from Workbench and then use the file selector to choose which picture or animation you wish to display.

Another way of using the program is by selecting your files from Workbench by shift-clicking on the image files and then double-clicking on the *Viewtek* icon (holding the shift button on the keyboard and selecting each file in turn). *Viewtek* will then display the first picture – to view each the remaining pictures you can prss your left mouse-button. If you press the right mouse-button, this will abort the loading of the selected pictures.

So what's new in this latest version? The program now has a configuration file which contains the default display options. Viewtek will also read options that may be contained in the picture icon's Tool Types. To alter the configuration file you need to open a text editor, such as ED, and then uncomment the different options (by removing the semi-colons from in front of the options you wish to use). Once you have saved the configuration file Viewtek will refer to it before displaying an image or picture. However, any options you enter from the CLI will override those contained in the configuration file.

Another useful new feature is the ability to display an animation directly from a disk. This means you can display an animation that is larger than your available free memory. Viewtek's

documentation explains how this works quite well – there are two tasks: one that is set for reading data from a disk; and another for displaying the data. The two tasks work simultaneously, so you should see a smooth playback. The quality of the playback depends on the size and complexity of the file, the speed of your Hard Disk, and the buffer size. To achieve the very best playback, you will need to try out several buffer sizes – a certain amount of patience is needed to get good results.

Viewtek also supports DataTypes. These can be used to add additional image formats to Viewtek's repertoire. Another advantage of using DataTypes is that if you come across a DataType for a compressed format, such as JPEG, that is faster than Viewtek's own decompression routines, you can specify that Viewtek uses the DataType instead.

Viewtek is AGA-compatible in all modes, 24-bit images are displayed and saved in HAM-8. Version 2 now has now extended its support for 24-bit graphics cards. The disk is supplied with different versions of the program to which it will display your files on the corresponding card. The cards supported are: DCTV, IV24, OpalVision, Retina, EGS, Firecracker24 and Picasso.

This really is a fantastic program – we would recommend it to anyone who is into graphics or has any graphic files they want to access quickly and simply.

Program Rating 93%

GRINDER

Roberta Smith DTP

Now, I know this program's name makes it sound as if it performs some kind of unpleasant task or

BEGINNERS START HERE

he world of Public Domain is great because of its fantastic variety. There are all sorts of software categories: shareware, freeware, charityware, and even giftware. So here's a quick list of the categories of programs you are likely to encounter in the PD World.

PD stands for Public Domain. It's the most widely available kind of software discussed in this section of the magazine. It's actually free; the only condition is that the program and associated files are remain unaltered and are distributed together. A PD library should only charge a nominal fee for disk duplication, postage and the library owner's time and effort.

Shareware is a rather simple concept, but it relies to some extent on a person's honesty. It gives users the chance to try before they buy.

Two versions of a shareware program usually exist. One is a limited version, which can be freely distributed, and the other is the full version, which is only

supplied to users who pay the registration fee.

- Licenseware is more like commercial software in that you have to pay in advance for the program, but the author gets some of this money.
- You may well be wondering: "If I find a useful program in the Public Domain can I make a copy for my best mate?" The answer is usually yes, but you can't distribute registered shareware or licenseware.
- Giftware is where an author asks you to send a gift if you find his or her program useful.
- Charityware is another extremely well-intentioned form of software. The author of a piece of charityware will ask you to make a donation to a charitable organisation.
- Whiskeyware is a new concept pioneered by our own Toby Simpson. If you use the program, you send him a bottle of (decent) whiskey.

serves some sort of sordid function, but Grinder is simply a picture converter. Oh no, not another picture converter, I hear you say. But, this is a picture converter with a difference. Oh no, not another picture converter with a difference. No really, this is an excellent picture converter.

The thing that grinder has that most PD conversion programs lack, is that it can execute a script of conversions so you can perform a batch conversion. But, the best thing about it is how easily you can compile a batch. There is no need to fiddle with AmigaDOS options. To compile a list of pictures to convert, you can make use of a filerequester.

Once you have selected your input files, the next thing you need to do is select the output files' format. As well as the program's ease of use, it has another bonus in the number of formats it can handle. It is by no means a new product, but it can handle pictures from a variety of computer platforms, including several Atari ST and PC ones. It can also handle some older Amiga formats.

The bottom line is that although Grinder is quite old, it is still very easy to use, it can handle several file formats and its batch conversion abilities can make life a lot easier.

Program Rating 87%

ABANK

Immediate Arts PD

Abank is a charming little account management program from France. It was written because its Author was fed up with ugly-looking accounts programs, and who can blame him. Thankfully, Abank has been designed to be easy to use as well as pretty to look at. However, it is demo version of the full program and is limited to 50 operations.

Aside from being pretty, the program has a few other impressive features. It is AGIP-compatible (AMOS Global Interface Protocol), which means if you have a copy of AGIP you can alter the program's interface as much as you like. It can also load PowerPacked files. The program can simultaneously load ten accounts and can produce graphical statistics.

As the author intended the program is very easy to use. To create a new account you first



Grinder is a program that can convert stunning images such as this one. It can also convert several images, using its Batch mode.

need to give a few details such as the name of the account owner, the account number and your starting balance. You can even add one of the programs ready-made icons for your bank or the account type. Once this has been done you can add operations (transactions) by simply entering a date, its nature and whether it is a credit or debit.

As you enter your transaction two running titles are updated. The first is your Real balance, which consist of transactions that have and have not been validated. The Bank balance derived only from validated transactions. You can also generate bar and pie charts to give you a pictorial view of your account's status.

In operation the program pleasant and easy to use. However, it is not without one or two bugs. The main one is that it doesn't multitask probably - when you switch from the program's screen you can get back to the program. Nonetheless the memory that is taken up by the program remains unavailable - bummer.

Aside from that little quirk the program is excellent and certainly makes a change from all those dreary MS-DOS look-a-like account managers.

Program Rating 91%

FRACTINT

Cynostic-

If, in a moment of weakness, you were to have a look around a PC user's hard disk, there is one program that you would probably find in the majority of them. That program is Fractint. For several years it has been one of the most popular PC fractal utilities, with a constant stream of upgrades and enhancements from many programmers. Now Terje Pedersen has ported this program over to the Amiga, so you can now see how it should really be done.

Fractint is pretty fast, but no fractal program is ever going to be particularly speedy, especially when you get into some of the higher magnifications. For instance, the super hi-res 256 colour fractal on page 86 took about five minutes to draw, but this was on an A4000/040. Other machines would be significantly slower than this.

The fractals can be created on any screen from the workbench display database, so you could even generate 24-bit fractals if you had a 24-bit card, such as the Picasso II or EGS Spectrum, which worked with the operating system.

Fractint also requires the Magic User Interface (MUI) system, so this will also have to be installed. This is used as an easy way of creating all of the file requesters and such like. This really doesn't stop Fractint being a bit of a pain to use. Mind you, it does serve as a lesson in what PC owners have to put up with.

Program Rating 75%

THE QUATERMASS **EXPERIMENT, ISSUE 2**

Immediate Arts

Sometimes I'm sorry that I missed out on the '50s. You had all these great classical sci-fi Bmovies to choose from. For example you had the Quatermass series; The Quatermass Experiment, Quatermass and the Pit and the others. However, these halcyon days are not lost forever. The Quatermass Experiment is a disk-based magazine that attempts to recapture the magic of expressing wild new ideas.

It is released roughly every eight months and contains science-fiction stories by amateur writers. Some of them are quite entertaining, especially the IPAC (Interplanetary Army Corps) Epics. This



Tammy Wynette fans beware, "Please release



Somewhere in the depths of the Mandelbrot set, you can find this interesting formation, but don't hold your breath while it renders!

section of the magazine is a collection of stories written by a few regular contributors. These stories are based in the IPAC universe - this is set in a time-period where mankind has been forced to move away from Earth. This move gives rise to all sorts of greed, corruption and general skullduggery. This is where IPAC come in, to police the galaxy.

It's difficult to give a verdict on this magazine - you will either like it, or you won't. Suffice to say, if this is the sort or thing you like, then you will like this sort of thing.

Product Rating 1-100%

PLEASE RELEASE ME

Roberta Smith DTP (McC003)

Bizarre is one of my favourite words and it is the only word that can adequately describe Please Release Me. It's an animation from Iain B McCaffrey, which can be played on any Amiga with 1Mb. It was made using DPaint IV and MovieSetter and runs for about 50 seconds.

If you think the title of this animation sounds familiar, it's because it's also the title of a song by Tammy Wynette. It is this song that is the butt of this humourous animation. It starts off with a view of a female singer's head, which is nodding from side-to-side, as it sings, "Please release me, let me go". As it sings this last bit the camera zooms out to reveal that the head is actually an inflated balloon, which is released by a pair of fingers. The head then flies around the screen, deflates and slowly falls from view.

It's simple, but it is also well-animated and unfeasibly funny. If you are in need of a good



Charley has never much luck with women, or with female cats for that matter.

chuckle, then I would advise to order this disk straight away – I guarantee you will be in stitches. Product Bizarreness 92%

CORAL QUARREL (STARRING CHARLEY CAT)

Roberta Smith DTP

Coral Quarrel is a five-disk animation, created by Anthony Whitaker, that stars Charley Cat. Charley is a cute cartoon-style cat who decides to have a day out at the seaside.

This animation details the chaos that ensues as a result of this fateful outing. Things start off reasonably well, Charley arrives on the beach and sets up his huge amount of equipment. To keep the sun off, Charley has also brought a parasol, but the accursed thing won't stay open, this provides an excuse for all sorts of comic antics.

Anyway Charley decides to hang-ten, and charges off in his wet suit with surfboard in hand. While pulling several stylish poses he crashes headlong into a large post.

On returning to the beach Charley spies an attractive female cat. But she's accompanied



Although Lunchtime has been certified by the British Board of Frisian Cows it may still offend.

by her boyfriend and this is where the real action starts. It comes thick and fast too, in true Tom and Jerry-fashion, with violent blows and tricks aplenty.

Well, that's as much as I am going to tell about the actual story. The quality of the animation is excellent, it's very fluid and well-drawn. The only thing you might want to consider, is that one or two scenes may be unsuitable for young children. But there is nothing in there

that is any worse than you might find in a most children's cartoons. Because of the number of disks the animation is on, loading takes a heck of a long time. However, I think it is definitely worth the wait.

Product Rating 87%

LUNCHTIME #5 "WARDROBE RACING FOR FOREIGNERS"

Roberta Smith DTP

In my eight months or so of reviewing PD software for *Amiga Shopper* I can honestly say that I have come across a number of bizarre things. This two-

disk magazine is the most strange, but oddly entertaining thing that I have encountered.

It's produced on a yearly basis. Apparently, "the writers are all put in a little room, our eyelids are propped open with match-sticks, our mouths are sellotaped shut and our names are changed by deed poll to Dame Xanthia Sagga, until the magazine is complete". If you ask me, it all sounds a bit too much like *Amiga Format's* monthly routine.

Anyway the magazine is humour-based, and I must say it is by far the funniest I've seen so far. Be warned though, it's the sort of thing that makes you laugh so much that if you're drinking at the time then it will come pouring out your nose. However, it does contain some material that is likely to cause offense – there's a bit of bad language too.

On the whole though, it is hilarious. When you bootup the first thing you will see is a short animation that is a tad on the sick side, but not too much. After that has been displayed you are free to read the articles. There is a wide variety of topics covered and several short stories. One that really split my sides was the mock BNP newsletter – hilarious.

The stories are well written and vary greatly in style. Some are outrageous through out, while some start off quite seriously and then go berserk half-way through. But, they are all funny, if a little childish at times, and managed to amuse most of the office. However, you should be warned that some of them, well most really, could cause offense and are definitely the sort of thing you wouldn't like your child to read. I would advise you to buy this disk and keep it in a safe place. It may be worth something in a few years, when they have become famous – unless they are committed to an asylum first...

Product Rating 97%

IMAGE PROCESSORS HEAD-TO-HEAD

mage processing is definitely one of the most exciting and useful areas of computing. As a result there has been no shortage of programs for the Amiga, both commercial and PD. However, until recently, the PD world has only been able to offer some pretty wimpy specimens.

Those of you with long memories might remember that an exception to this was reviewed in issue 37. BlackBoard has had it easy for some time now, but it has a serious competitor in the form of ImageStudio. In order to find out if BlackBoard is still the best PD image processor we decided to have a head-to-head with version 3 of BlackBoard and ImageStudio 1.01.

BLACKBOARD

F1 licenseware



Version 3 of BlackBoard comes on three disks and has supposedly undergone some serious de-bugging. The program has also become licenseware, now costing £5.99. All the old features are

still there, including morphing, warping, pixellation, embossing and bulging. To help people get to grips with the program, an AmigaGuide file has been included as well as a text file.

"BlackBoard is far from a finished product - however, when it does run correctly it becomes an incredibly powerful tool."

The program has stuck with its modular design – loading each feature as a separate subprogram. This has its advantages and disadvantages. The main disadvantage is that you have to wait for sub-programs to load into memory. The good news is that this method uses up less memory. Among the new features the most notable are Landbuild and a ripple function.

Ripple performs the same function as the ADPro and ImageFX tools. It distorts an image in such a way as to give the impression that image has been turned to liquid and then rippled. As version 3 as support for Arexx the author has

"ImageStudio is an impressive program."

added an example script that alters the phase of the ripples over period of time. This gives the impression of moving waves.

Landbuild is a fractal landscape-generator much like *VistaPro* or *Scenery Animator*. As well as creating its own fractal-based landscapes the program can also load DEMs (Digital Elevation Maps). However, it is far from a finished product and there are quite a few bugs. I was unable to use it as a sub-prog but had limited success running it as a stand-alone.

BlackBoard has even more powerful features but, it also has increased its number of bugs. However, when it does run correctly the program becomes an incredibly powerful tool.

Program Rating 91%

IMAGESTUDIO

Graham Dean, 14 Fielding Ave, Poynton, Stockport, Cheshire, SK12 1YX



This young contender looks quite sprightly compared with BlackBoard – it barely fills a single floppy, including its example images. Judging by the interface, the program seems to have been heavily

influenced by ADPro 2.5. The interface consists of a main preview window and several smaller ones for convolutions, effects and adjusting

MOVIEGUIDE V2.04

OnLine PD

MovieGuide is a database of recent films. The previous version of the program was a little "flaky", as a result its search functions did not always work as they should. It also lacked any details of the films' storylines. Version 2.04 sets out to make up for the short-comings the first revision

MovieGuide is a two-disk program which can also be installed to hard disk. It contains information about a surprising number of films. In essence it is a database program and is used in a similar manner. You can search for a film by either entering its title, director or the name of one of its cast.

If you have used a search criteria that produces a list of several films, you can also choose a sorting method. You can view the films by name, genre or by year. To reduce the searching time you can limit the program to a genre and a country of origin.

Once a list of films that match your criteria has been compiled, you can click on each film to view its director, cast and on some, a brief description of the plot. If you click on either the directors name or a member of the cast, the program will then direct its efforts to finding all the films that a director has directed or that a member of the cast has appeared in. You can also print out entries.

When I'd taken a look at this program before I was quite impressed, but disappointed by the unpredictable search function and lack of information about the films plot. Well, the search function has been fixed, but while plot information has been supplied with several films there are quite that have not.

Maybe I'm being unreasonable and they've

only described the films they have watched themselves. I guess there is a limit too how many films you can watch and how many you can afford to buy. Nonetheless this is good package that has been smartened up and made into an ever better one.

Product Rating 92%

VMM (VIRTUAL MEMORY MANAGER)

Cynostic



If there is one thing that a serious Amiga-owner can never have too much of it's memory. However, memory is not cheap and as a result very few people can actually afford as much as they would

truly like. There is an affordable alternative – virtual memory – and now, with VMM, it's become even cheaper.

The way in which virtual memory works is that it lets your machine use disk space as if it was memory. This can be performed using either a hard disk or a floppy. Obviously, a hard disk is preferable as it's quicker than a floppy – although slower than real memory. In fact, virtual memory is quite a bit slower than real memory.

By default, VMM creates a file the same size as the virtual memory you specify. To help speed things up, VMM can also use a partition or pseudo partition. A dedicated partition is the fattest option as you don't have to worry about fragmentation.

However, if you don't want to go to the trouble of re-formatting your hard drive you can create a pseudo partition. The pseudo- partition is actually a folder of contiguous hard disk space. To get the largest size possible you may have to defrag your drive.

Once you have got the program up and running

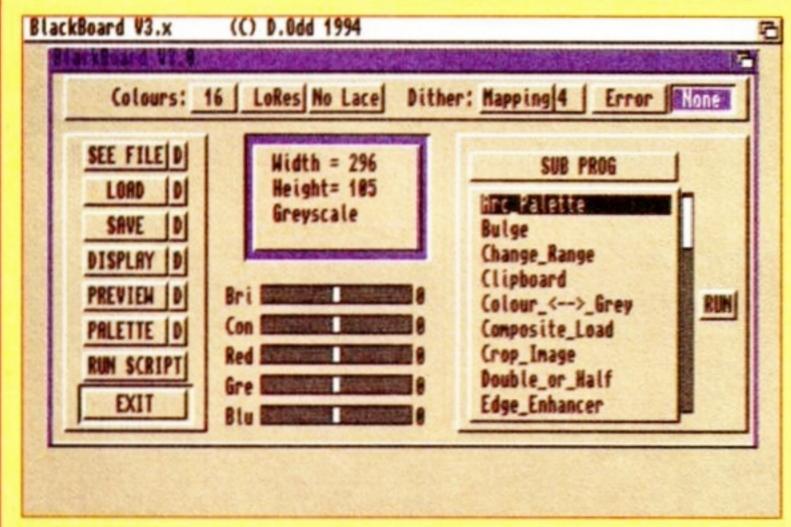
and your hard disk optimised, VMM's operation is pretty much transparent to the user. Virtual memory behaves in the same way as ordinary memory, even showing up in your Workbench's Other Memory total. Virtual memory can either be added to a program or a Workbench task. This way the virtual memory won't kick in, and slow down your machine, when it's not needed.

Adding a task or program is easy. To add a task you just click on the Add task button and a list of current tasks is opened. You can then select a task and then click on use. Adding a program is just as simple. After pressing the Add Program button you can use a standard file requester to select a program. The next time that program is run it will utilise the amount of virtual memory you have assigned to it.

You can specify the amount of memory and other options from the Memory Settings menu. This where you can decide how the memory will be allocated and how it will be recognised by your system. You can use the virtual memory as either Fast or Chip RAM. You can also set the memories priority and its swap medium which, as mentioned earlier, can be a swap file, a partition or a pseudo-partition.

I must admit I had my reservations about this product, but it turned out to be pretty stable. The only problems I had was that sometimes when I quitted from VMM it crashed my machine. I've had it on my machine for nearly three weeks and have used it with *Imagine 3.0*, *Pixel Pro 3D2* and *LightWave* regularly. Aside from Imagine barfing out a couple of times they all worked perfectly. The only drawback is that you need at an 030 processor with an MMU. This is a program that is going to stay on my Hard Disk for a very long time and if you are a subscriber you can add it to yours straight away, as it is on the Subscribers' Disk.

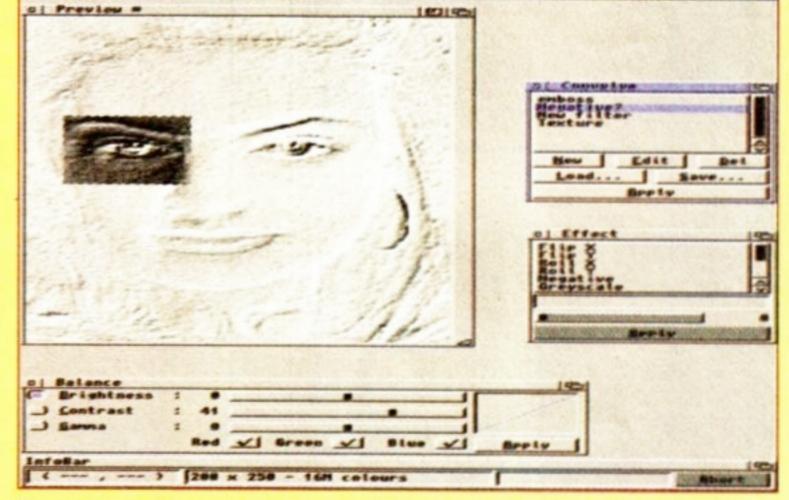
Program Rating 97%



BlackBoard's rein as king of the PD processors may be coming to an end. Read the head-to-head review to find out why.

the image's balance. It also makes use of several pull-down menus to grant access to its other features.

ImageStudio is shareware and the registered version of the program can be purchased for £10. The only limitation the unregistered version has is that it can only load images that are no bigger than 250x250 pixels. The full version is able to handle images up to 32,000x32,000 pixels and will include a 68020+ optimised version of the program.



ImageStudio is an up-and-coming challenger to BlackBoard. But, has it got enough firepower to dislodge the champ?

Two of ImageStudio's most impressive functions are its limited selection and custom convolution tools. Being able to make limited selections gives you the chance to combine effects. This ability can be used with striking effectiveness. Being able to create your convolutions means you have an endless numbers of effects. You can generate a new affect by altering values of a convolve matrix.

ImageStudio is an impressive program, all the more so considering that this is its first revision.

It's a good solid program with more than a few good features that, while not particularly fantastic in nature, are good to have – such as multiple undos and redos. I like this program and though it just loses out to *BlackBoard*, it was a very close match. The main reason *BlackBoard* comes out on top is that it simply has more features and more powerful ones. *ImageStudio*, however, is more reliable and easier to use. It has also won a place on our coveted Subscribers' Disk.

Product Rating 90%

SHOPPER

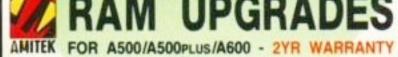


QUALITY PERIPHERALS FOR AMIGA



FRIENDLY TECHNOLOGY

Designed to bring you high quality and performance at affordable prices, Amitek peripherals offer outstanding value-formoney. They are built to ensure easy fitting and trouble free operation - making them a pleasure to use. Amitek products are also thoroughly tested and very reliable, so reliable that we are pleased to offer a full two year warranty on most of the Amitek products detailed here.



A STATE OF THE PARTY OF THE PAR		
CODE	DESCRIPTION	INC VAT
RAM 0505	A500 - 512K (No Clock)	£20
RAM 0510	A500 - 512K (With Clock)	£25
RAM 0520	A500PLUS - 1Mb RAM	£30
RAM 0605	A600 - 1Mb (No Clock)	£30
RAM 0610	A600 - 1Mb (With Clock)	£40





The Amitek External Modulator makes an ideal replacement modulator for all Amiga owners. Everything needed is supplied. Like all Amitek peripherals, it comes with an easy to follow manual.

- User friendly manual included
- High quality design
- FREE RF cable supplied

MODULATOR INC VAT - MOA 4200



RAM UPGRADE & MATHS ACCELERATOR

OPTIONS

FOR THE AMIGA 1200



Maximise the processing power of your standard A1200. Be ready for the new generation of software which makes more demands on Amiga memory and technology. The Amitek Hawk RAM expansion includes up to 8mb fast 32-bit RAM, the ability to support an optional, sophisticated 68882 FPU (Floating Point Unit drastically increases the speed of maths intensive operations - e.g. in applications such as Lightwave 3D) and a battery backed up clock. Built to a high standard, this board can be easily installed and comes with a 2 year warranty. The Hawk RAM board is available in 4 versions, each with the option of either a 33MHz or 40MHz PLCC 68882 co-processor.

FPU SPEED COMPARISON INCREASES **OPERATION** BY UP TO 40x In FLOPS (FLO Point operations per Second) Figures from AIBB version 6.1

INSTALLATION OF A HAWK RAM BOARD INCREASES A1200 SPEED BY UP TO 3x

- Plugs straight into A1200 trapdoor No soldering required
- Upgradeable FAST RAM board to 1, 2, 4 or 8mb
- Uses industry standard socketed SIMMs for easy upgrades Optional Floating Point Unit - 33wHz or 40wHz PLCC 68882 co-processor
- Comprehensive manual with illustrations
- Works with all A1200 and A1200HD computers
- Does not invalidate your A1200 warranty

· 2 year warranty

AMITEK HAWK RAM UPGRADE BOARDS 1 Mb No 2 Mb No 4 Mb No 8 Mb No RAM FPU £99 £129 £189 £329

OPTIONAL FLOATING POINT UNITS
Available with above RAM upgrade boards

33MHz PLCC FPU + CRYSTAL 259 40MHz PLCC FPU + CRYSTAL £99.

PRICES FROM ONLY

1Mb RAM, NO FPU INC VAT - RAM 1210

1 SONY

DELUXE FLOPPY DRIVE FOR ALL AMIGA COMPUTERS



'Amitek's new disk drive combines an elegant design, high build quality and smooth performance in a very affordable package. Highly recommended'. Jason Holborn - Leading Amiga Journalist

DELUXE FEATURES

The Amitek drive has many deluxe features not included in other drives check out the competition!

ANTI-CLICK This feature stops your drive making

whirs and clicks when the drive is empty and searching for a disk.

ANTI-VIRUS

This switchable mode stops track 0 viruses infecting the disk while in the drive. Unlike many other drives which have virus killers, this mode can be

disabled, allowing some fussy copy protected software to run.

ADD MORE DRIVES

The Amitek drive is also daisychainable, so you can add further drives to your system, using very little power from your Amiga.

QUALITY SONY MECHANISM

Amitek took the time to source a mechanism that has all the features. quality and reliability that Amiga owners demand.

Details taken from models available MARCH '94	ANTI- CLICK	ANTI- VIRUS	ROBUST STEEL CASE	QUALITY SONY MECHANISM	TOP RATED CU-AMIGA MAY '94 90%	2 YEAR WARRANTY
AMITEK	1	1	1	1	1	1
CUMANA	-	-	-	-	-	-
ZAPPO	-	-	/	_	-	-

- . HIGH QUALITY 31/2" SONY MECHANISM . EXTERNAL PSU NOT REQ'D
- STRONG METAL CASING
- BUILT-IN ANTI-CLICK FEATURE
- SWITCHABLE ANTI-VIRUS MODE
- ENABLE/DISABLE SWITCH
- 75MS ACCESS TIME
- Daisy Chainable Via Thru Port
- Low Power Usage

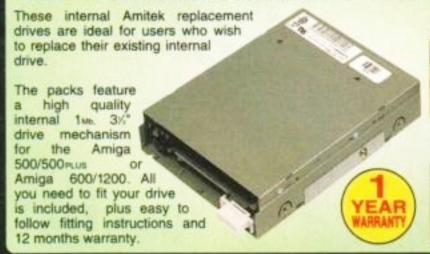
2 YEAR WARRANTY

EXTERNAL DRIVE

INC VAT - DRI 1159

1Mb INTERNAL FLOPPY DRIVES

FOR AMIGA 500/500PLUS & AMIGA 600/1200



A500/A500 PLUS INTERNAL DRIVE INC VAT - DRI 3600

A600/A1200 INTERNAL DRIVE INC VAT - DRI 3605



FUSION GENLOCK FOR ALL AMIGA COMPUTERS Input and Output Composite Video Signals Switch between, Video ONLY, Computer ONLY and Mixed

> Hardware Fade to fade away the level of Overlay/Video

RGB Thru - Not Genlocked





Before you decide WHEN to buy, we

suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service".



BRANCHES OF STORES NATIONWIDE 00450011-4

We have a proven track record in professional computer sales.

With over 300 staff - We are solid and reliable.

All are 'Customer Care' trained and at your service.

FREE help and advice from a team of experts.

 A FULL PRODUCT All of your computer requirements from one supplier. • PRICE MATCH:

We match on a "Same product - Same price" basis. FREE CATALOGUES:

With special offers and product news.

We accept most major credit cards, cash, cheque or monthly terms (APR 29.8% - written quotes on request).

VOLUME DISCOUNTS AVAILABLE: Business, Education and Government. Tel: 081-308 0888.

FREE DELIVERY on orders over £40+vat.

Small administration charge (£2.50+vat)

on orders under £40+VAT. 21 stores including 18 in branches of Debenhams. PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX PLUS BRANCHES AT: BRISTOL Debenhams - (3rd Floor), St James Barton 0272 291021 CARDIFF Debenhams - (1st Floor), St. David's Way 0222 341576 CHELMSFORD Debenhams - (2nd Floor), 27 High Street 0245 355511 CROYDON Debenhams - (2nd Floor), 11-31 North End 081-688 4455 GLASGOW Debenhams - (5th Floor), 97 Argyle Street 041-221 0088 Debenhams - (3rd Floor), Millbrook GUILDFORD 0483 301300 HARROW Debenhams - (2nd Floor), Station Road 081-427 4300 HULL Debenhams - (2nd Floor). Prospect Street 0482 25151 Debenhams - (2nd Roor), Westgate Street 0473 221313 **IPSWICH** - 52 Tottenham Court Road 071-580 4000 LONDON Debenhams - (3rd Floor), 334 Oxford St 071-580 3000 LONDON Debenhams - (1st Roor), Arndale Centre 0582 21201 LUTON 061-832 8666 MANCHESTER Debenhams - (and Floor), Market Street 0752 266666 Debenhams - (3rd Floor), Royal Parade PLYMOUTH Debenhams - (3rd Floor), Market Place 0708 766066 ROMFORD 0742 768611 SHEFFIELD Debenhams - (3rd Floor), The Moor SHEFFIELD Debenhams - IL Groundi, Meadowhall Ctre 0742 569779 - Silica House, Hatherley Rd 081-302 8811 SIDCUP SOUTHAMPTON Debenhams - (1st Root), Queensway 0703 223888

Keddies - (2nd Roor), High Street

Debenhams - (1st Roor): Lakeside Centre 0708 863587

0702 462426

SOUTHEND

THURROCK

INFUR	RMATIO	N UN	AMIII	K PH	טטטנ	119
Mr/Mrs/Mi	ss/Ms:	Ir	nitials:			
Surname:						.,,,,,,
Company	if applicable)					
Address:						
			.,			
		Posto	ode:			
Tel (Home)	:					
Tel (Work)	:		*			*****
Which con	nputer(s), if	any, do y	ou own?			



Four packages One deal

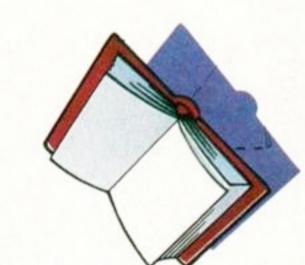
Create the complete home office with Home Accounts, Day By Day, Mailshot Plus and DGCalc software packages

Home Accounting: Keep track of all your finances, income (bank, credit cards, etc) and expenditure (mortgage, gas, etc), with optional budgeting and forecasting. You can even produce your own monthly bank or credit card statements. Once you've used Home Accounts, you'll wonder how you ever managed without it.

Diary: An excellent way to get organised. You'll be reminded of birthdays, appointments, and so on. As with all Digita products, entering information is simplicity itself and, once entered, you can search for keywords or for particular events. Other features include month, week and day planners, automatic reminders for overdue appointments, and much more.

Label Database: If you've ever printed mailing labels, you'll know how fiddly and time-consuming it can be making sure all the labels print correctly. Well now that's a thing of the past. Mailshot Plus actually shows you the labels on screen, so you can type names and addresses in exactly the right place. Also suitable for other labelling tasks including computer disks, video tapes, plants, freezer bags, photographs, and much more.

Spreadsheet: Business users will be familiar with the application of spreadsheets for cash flows and financial modelling. Computers are ideally suited to this form of application and, using this software you can calculate and recalculate entire spreadsheets in seconds.



Special Offer Only

£49.99

Save over £100

Credit Card Hot Lines

Telephone: 0395 270273

Facsimile: 0395 268893

* Digita International. Black Horse House, Exmouth, England, Ex8 1JL

©Copyright 1994 Digita International Limited. All rights reserved. No part of this advert can be reproduced or copied in any way whatsoever. Digita and the Digita logo are registered trademarks. All other trademarks and their owners are acknowledged. Sold subject to standard conditions of sale. E & OE

Jason Holborn dons his
Public Domain hat and
ploughs through another
mountain of disks that
have piled up on his desk
over the last month.

Epaate

Amiga is not only for video, but all manner of graphics work including paint and animation. Surprisingly, although Amiga developers have always kept Amiga graphics users well supplied with new and exciting video and paint software, the range of animation editors available is limited. OK, so both *Brilliance* and *DPaint* offer animation facilities, but there's nothing like the control that a dedicated animation editor can provide.

As always, the PD libraries have the answer this time in the shape of MainActor 1.54 (PD Soft, disk V1157), a major upgrade to the earlier version published on the Subscribers' Superdisk (AF61). Version 1.54 has had a complete overhaul - lurking under the beautifully-coded Workbench 2.0compliant front end are a host of new features including a greater range of animation import and export modules (MainActor now supports a wide range of common 24-bit video cards), sound support (samples can be tied to individual animation frames allowing frame-perfect cuing of samples) and much better support for the playback of animations direct from hard disk (version 1.54 plays back animations between two and five times faster than the previous release).

If you haven't already seen MainActor, you'll be amazed by its huge assortment of animation controls. Not only can existing animations in a wide range of formats be loaded and edited but animations can also be built up by loading single IFF frames from disk. Full documentation in AmigaGuide format is provided with the program, so you can get up and running quickly. MainActor is destined to become a PD classic.

Ian West and Jonathan Eggelton have released a brand new PD game for the festive season. Called Santa And, Rudolph Do Christmas, this brilliantly executed arcade game was written using AMOS Professional, the star of this month's Amiga Format Coverdisk. Indeed, if you really want to see what AMOS Professional is capable of in the hands of an experienced coder, buy this disk.

The gameplay is nothing original, however.

The basic idea is to guide either Santa or

Rudolph through the arcade action, shooting
the evil penguins and other assorted nasties that
are threatening to ruin Christmas for all the girls

wow!

Every month Amiga Format subscribers get an extra disk packed with the very best Public Domain programs. For details of how to subscribe to AF, turn to page 44.





SANTA: Nothing stands between the forces of evil and the joy of Christmas other than Santa and his big gun.

and boys (yeuch!). Every so often, a present drops down the screen which must be quickly picked up and delivered to one of the many doors and chimneys scattered about. To aid them in their quest, our heroes are armed with a high-velocity rocket launcher and a helium-filled balloon to help them travel around the screen.

Santa And Rudolph Do Christmas won't set new standards in gameplay but its wonderful graphics and festive tunes give the program that extra little something that is often sadly missing from PD games. Santa And Rudolph Do Christmas should be at the top of your Christmas PD shopping list.

17Bit's new astronomy program *Cassini* (disk 3368) is written in HiSoft *BASIC* and is a

MERCURY

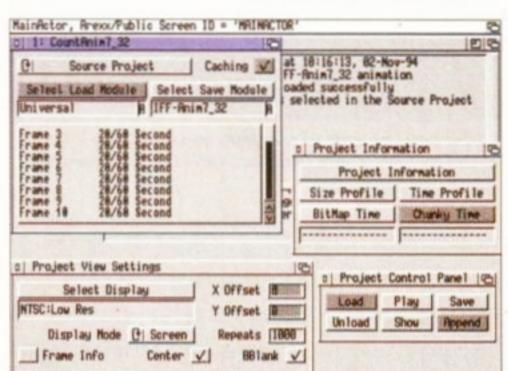
Heliocentric Longitude: + 275 degs 6 mins 5 secs Heliocentric Latitude: - 5 degs 7 mins 17 secs Radius Vector: .46 au Geocentric Longitude: + 278 degs 39 mins 50 secs Geocentric Latitude: - 1 degs 38 mins 5 secs UNGI 0 dogs 8 mins 50 secs UNGI 0 dogs 8 mins 50 secs UNGI 0 dogs 8 mins 1 degs 38 mins 5 secs UNGI 0 dogs 8 mins 1 degs 1 degs 47 mins 13 secs One clination: - 24 degs 47 mins 13 secs

CASSINI: Track down your favourite constellation without straining your neck with David Hartley's Cassini astronomy program.

fascinating tool designed to allow budding astronomers to obtain information on all manner of heavenly bodies including stars, planets, constellations, quasars and so on.

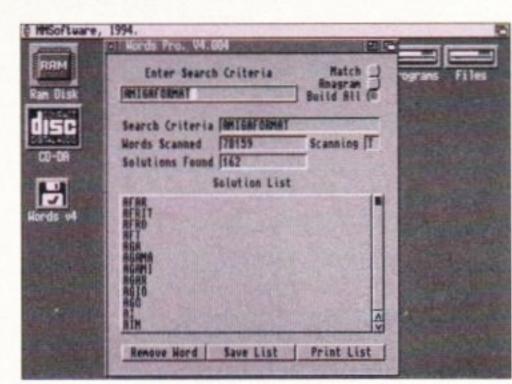
The author, David Hartley, originally wrote Cassini to help him determine the best time to observe the planets and has put the program into the PD libraries to allow other Amiga-owning astronomers to benefit from it. Although the presentation is less than ideal (don't expect a Distant Suns-beater), the wealth of information that Cassini provides is astounding. Great stuff.

Continued overleaf ⇒



MAINACTOR 1.54: Create your own animated movies with this brilliant PD animation editor which has been completely overhauled from the first version.





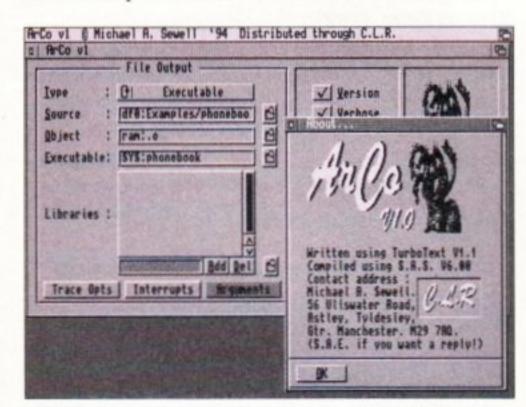
WORDSPRO: Solve all those magazine word puzzles without straining the old grey matter with AmigaNuts' new WordsPro 4.

Wargames have moved on a long way since those stuffy text-based games that were so popular a few years ago. Back then realism was more important than gameplay – unless you were prepared to sit and feed in reams of boring mission data and then wait for three weeks for something even mildly interesting to happen. Thankfully, those days have long gone (well, almost) as this new game from PD Soft proves...

Task Force (disk number 3897) is a top-down wargame that puts you in control of a team of four crack hi-tech warriors who must complete many missions of unremitting action. At the start of the game, you're treated to a short slideshow that sets the scene beautifully. Then the action moves on to a series of rather Syndicate-like set-up screens that allow you to choose which mission you wish to attempt and then individually equip your team with all manner of military paraphernalia.

Once you're dropped behind enemy lines, the game transforms into a traditional wargame with the action taking place in turns – a move-and-fire turn for each of your soldiers followed by the same for enemy troops in the surrounding area. What equipment you give your troops radically affects how far that trooper can move in a single turn – give him a bazooka and he'll struggle to walk.

Puzzle fans can rejoice at the launch of AmigaNuts' WordsPro Version 4, a powerful utility that can solve anagrams, suggest words for crossword puzzles, build a list of words from the



ARCO: Tired of your ARexx programs running slower than something very slow indeed? You need the Arco ARexx compiler.



TASK FORCE: Guide four crack troops behind enemy lines in PD Soft's wargame romp.

characters of a given word and so on. Running from the Workbench (which is unusual for this type of program – most puzzle solvers are written in *AMOS*), the program comes complete with a glossary of over 100,000 words.

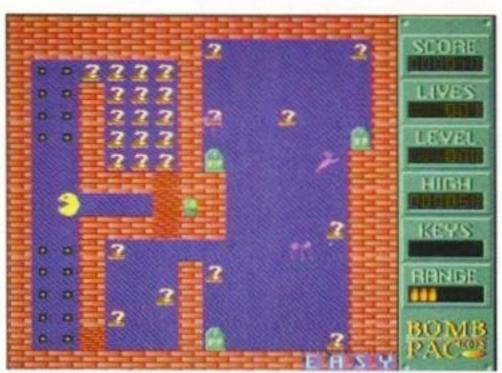
This glossary was constructed by feeding in the dictionaries from other programs and by manually keying in the solutions to as many crossword puzzles and word search puzzles as the author could lay his hands on. Whenever you ask it to suggest a word, *WordsPro* searches through its glossary and lists any words that match its given search criteria. Considering the size of its glossary, searching for a word is surprisingly fast (although this is aided by a fast processor and a hard disk-based machine).

For puzzle fans everywhere, WordsPro is an absolute godsend. If you enjoy playing word puzzles, get a copy of this program.

PacMan has been brought bang up to date with BombPac (disk G1086) from Kew-II Software. Based around the classic PacMan arcade game but with a taste of DynaBlaster mixed in for good measure, BombPac is an AGA-only arcade game that – despite its rather weak graphics and sound – is a fun little game that combines race 'n' chase maze action with a healthy serving of puzzles.

Most programming languages allow you to create executables from your source code using a compiler, a utility that converts your source code into a list of instructions that your Amiga can understand without the use of a separate interpreter. If you enjoy dabbling with the *ARexx* interpreter bundled with all Amigas since the A500+, Essex Computer Systems' *Arco* will be of interest.

Arco is an ARexx Compiler – it takes ARexx source files (stored in ASCII format) and translates them into machine code. Once compiled, your ARexx programs can run without having to pass them to the RX ARexx interpreter. Another advantage is the raw speed of compiled ARexx code – in contrast to interpreted ARexx, compiled ARexx programs are very swift. Add to that the ability to make use of link libraries which you can build up to contain your favourite ARexx routines and Arco is a must for all ARexx programmers.



BOMBPAC: Collect the little black dots and mystery bonuses but stay away from those nasty spiders.

TOP 10 GAMES AND UTILITIES

Every month we peruse the bestseller lists of a prominent PD company. This month, it's the turn of:

VIRUS FREE PD 01793 432176

- 1. Big Time Sensuality
- 2. Random Dot Stereogram
- MISC Imagine Objects
- 4. Password Encryptor
- 5. Spectrum Emulator V2
- 6. Danger Mouse
- 7. Action Replay
- 8. ZXAM Speccy Emulator 1.3
- 9. Some Justice Demo
- 10. TerraHawks Imagine Objects

WHERE TO GET THE DISKS IN THIS ISSUE

KEW-II SOFTWARE, PO Box 672, South Croydon, Surrey CR2 9YS. Tel: 0181 657 1617

ESSEX COMPUTER SYSTEMS, 15 St Nicholas Road, Tillingham, Essex CM0 7SQ. Tel: 01621 778778

AMIGANUTS UNITED, 3 Spring Road, Bitterne, Southampton, Hampshire. Tel 01703 397727

17BIT SOFTWARE, 1st Floor Offices, 2/8 Market St, Wakefield, West Yorkshire WF1 1DH. Tel: 01924 366982

PD SOFT, 1 Bryant Avenue, Southend-on-Sea, Essex SS1 2YD. Tel: 01702 466933

☐ 800 TIME RUNNER

☐ 805 TRANS-PLANT

☐ 706 OBLITERATOR

429 ZOMBIE APOC

☐ 878 TOP HAT WILLY

☐ 064 ICE RUNNER

346 FRUIT SALAD

☐ 840 XMAS TIME

223 DOODY

1715 SUPER BLUE KID

792 DANGER MOUSE

□ 273 KELLOG EXPRESS

☐ 791 DOCTOR STRANGE

☐ 711 WALLYWORLD (2D)

☐ 731 HAUNTED MINE

121 MARATHON MINE

□ 472 GAMEBOY TETRIS

293 DOCTOR MARIO

294 KLACK TRIS

☐ 107 TWIN TRIS

☐ 626 MEGA BLOX

BOULDER-DASH

TETRIS - COLUMNS

☐ 449 ELEVATOR 2

254 EAT MINES

PLATFORM GAMES

POST & PACK LIBRARY DISK

ON ALL NEW ORDERS

ON ALL NEW ORDERS ARCADE GAMES P.D. VERSIONS ☐ 815 LEMMING PACK B74 FISHY FISHY ☐ 871 HYDROZONE □ 005 SMASH TV □ 026 ROBOCOP 2 ☐ 858 COW WALLS ☐ 875 XERION (2D) □ 022 GODS ☐ 873 FAT MISSION 2 □ 023 RICK DANGEROUS ☐ 863 MOUSE IMPOS 477 CADAVA 1& 2 ☐ 823 ORK ATTACK ☐ 717 URIDIUM ☐ 695 ANT WARS (2D) 259 LCD POPEYE 544 AIR WARRIORS □ 025 HUNTER ☐ 009 MISSION X □ 024 ELF ■ 843 GREEN 5 PT. 1 □ 020 LEMMING ARCADE ☐ 553 VECTOR ■ 816 APIDYA NOAGA ☐ 332 SEALANCE-SUB □ 028 HAMM-FIST NOAGA 1710 PYRAMIDS (2D) 795 DYNO WARRIORS

□ 027 CHUCKROCK NOAGA DRIVING GAMES ☐ 811 RACING MANIACS ☐ 682 MOOSE DRIVE 469 ROAD TO HELL 428 SKID MARKS ☐ 735 AUTOMOBILES 333 BATTLE CARS 2

☐ 613 HIGH OCTANE 2 PUB GAMES ☐ 867 BANDIT MANIA ☐ 560 WORLD DARTS 598 PIN BALL 222 FRUIT MACHINE ☐ 375 SOUTAIRE

☐ 010 POKER ARCADE

□ 804 CARDS CASINO

■ 803 ROULETTE 1 476 CHESS GAMES ☐ 844 BATTLESHIPS 2 SPORTS GAMES

☐ 104 FUTURE FOOTBALL ☐ 822 AMOS CRICKET 2 ☐ 087 HYPERBALL ☐ 630 TEN PIN BOWLING ☐ 734 BILLIARDS ☐ 686 SPORT CHALLENGE ☐ 366 GOLF 18 HOLE (2D)

HINTS & CHEATS ☐ 418 1000 CHEATS ■ 812 PASSWORD MANIA ■ 813 GAME TAMER V4.5 ■ 820 MEGA CHEATS V3 ■ 821 TITANIC CHEATS ☐ 681 30 SOLUTIONS

\$\Boxed{1} 699 50 SOLUTIONS MANAGER GAMES ☐ 868 SUPER LEAGUE ☐ 872 SCOT LEAGUE

258 TRUCKING 2 (2D) 443 SLAM BALL ☐ 817 BLOOD BALL ☐ 310 TOP THE LEAGUE ☐ 824 DAY AT RACES ☐ 196 G.P. MANAGER 321 AIRPORT 404 METRO

☐ 593 SPEEDWAY □ 668 U.S.A. 94 322 MICRO MARKET ☐ 694 FORMULA ONE BOARD GAMES ■ 864 CHEQUERS

☐ 015 ANIMATED WAR ☐ 631 SCRABBLE □ 032 MONOPOLY 247 CHESS ☐ 548 BACKGAMMON 296 RISK ■ 842 RAGS TO RICH **BRAIN GAMES** ■ 859 10 PUZZLES

442 REVERSI 2 ■ 838 COG-NITION 1716 TOP POP QUIZ ☐ 603 EXIT 13 □ 119 DRAGON TILES ☐ 317 LEXESS 2 □ 112 DRAGON'S CAVES 309 OUIZ MASTER

A1200 AGA ONLY ☐ 848 RELICS (4D) ■ 870 ROCKETZ ☐ 846 MASQUERADE (2D) ☐ 503 AGA TETRIS ☐ 696 TO THE DEATH ☐ 662 MAD FIGHTERS

T FREHITMANIA

CT CASH FRUIT

GREEN 5

CT SHEPHERD

SCHNEBITZ INC PUZZLE

CLASH OF EMPIRES (2)

STAR TREK QUIZ (2)

TI KINGDOM AT WAR

C AMOS SPEEDBALL

IT A DAY AT THE RACES

CI ANT WARS (2 DISKS)

I STEWARDS INQUIRY

D LOOTY PLATFORM/GAME

Snm high quality mouse pad.

3.5° disk drive cleaning kit.

Amiga 500/600/1200 dust covers

Philips 8833 Monitor dust covers.

Meg. Mouse... Alph Date. 400dpl.

Printer stand (fits all dot matrix printers).

Blank Disks (high quality with labels) 1 to 1000.

TO ORDER, SEND NAME AND ADDRESS, PAYMENT,

P/O, CHEQUES PAYABLE TO KT'S PD (software).

(bankers card no on cheques please)

TO KT'S PD DEPT A/F,

75 THE DRIVE, ROCHFORD, ESSEX SS4 1QQ.

TEL /FAX 0700 540434 0700 540536/ MORU E 0585 078548

CALLERS WELCOME

ZX SPECTRUM V2 EMULATOR

10 disks full of all the classic speccy games and

emulator for only £8-00 inc p+p

WE NOW HAVE GAMES DISKS UP TO NO 38

Order all 38 disks + emulator only £25-00 + £1 p+p

IT SEEDS OF DARKNESS

TI STARWOODS (2 DISKS)

TRACING MANUACS

O DIE FILTH (2)

SUPER PRIX

TI INTROGASH

O SPITTINE

CO ROCKETZ

CI ANTWARS VI 0

Errem Mouse Pads.

25 cap diek boxes

100 cap disk boxes

Mouse cleaning kit.

Workbench 2 books

Disk Labels.

Printer Lead (2 metres).

☐ 826 IND. ESPIONAGE □ 837 KLONDIKE 2 (3D) ☐ 747 ZOMBIES AP 2 1786 CYBERTEK (2D) ADVENTURE GAMES ☐ 877 BLACK DAWN 2 ■ 876 GLOBAL NUKE ☐ 869 TRICK OR TREAT 116 STAR TREK (2D)

☐ 523 STAR TREK 2 (3D) ☐ 847 RAISE TITANIC ■ 825 KNIGHTS 297 NEIGHBOURS (2D) **OVER 18 GAMES** ☐ 101 TERROR LINER 1 ☐ 712 TERROR LINER 2 CLASSIC GAMES ☐ 692 SPACE INVADERS ☐ 778 OVERLANDERS ☐ 693 MISSILE COMMAND

BREAKOUT-PONG □ 003 MEGABALL 1 459 MEGABALL 2 ☐ 559 MEGABALL 3 ☐ 007 BATTLE PONG ☐ 421 REBOUNDER SPACE BLASTERS 498 LAST REFUGE ☐ 596 GORF INVADERS ☐ 122 IN-TACTS

☐ 031 OBLIVION ☐ 343 CYBERNETICS ☐ 701 GALAGA DELLIXE ☐ 679 STAR-RIANS ☐ 548 CAFFEINE FREE

DISKS COST £1.25 EACH, NO MINIMUM ORDER, ALL VIRUS FREE AND USER FRIENDLY All games are on 1 disk and run on all Amigas unless otherwise stated. PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

UNDERGROUND P.D. 54 CARMANIA CLOSE, SHOEBURYNESS, ESSEX SS3 9YZ. Tel: 0702 295887

Software for all all Amiga Users 500/500+/600/1200/4000/A570/CD32 Software for all all Amiga Users 500/500+/600/1200/4000/A570/CD32 FREE CATALOGUE DISK SENT WITH YOUR PIRST ORDER DISK PRICES: 1-3, £1.25, 4-9, £1.00, 10-20, 90p. 21+ only 80p. 50+ only 60p each. PLEASE ADD 75P PAPER ORDER PLEASE ADD 75P P+P PER ORDER

DISANTA & RUDOLF RIF TI POLKA BROS NO NAME CLASI MULTI-VISION AGA T POLKA BROS GEVALIA CT SPELLTRUS BRILL CHANDY WB3 UTILS CS 18 HOLE GOLF (2) TI P FINGERS DEMO (2) CHASE FIX DISK Z CHITROLIAN TRACK CO AGA LITTLE 1 3 AUTOMOBILES DISIOTA SPACEBALLS 3 AMOS FRUIT II TO AGA ICON FOITOR O CREAM TRIPPIN S ROAD TO HELL CT 1200 FINAL TEST CLAHIVOYANG CT AGA MANO 2000 TI RETINA EURO 1 3 G.PRIX MANAGER CT AGA GRAPHIC UTILS TI CLAUSTROPHOBIA IN STAR BASE 15 (Z) CIRE-ORG 3-11 TUESUS ON E's (2) 2 envirs mg TEXAS CHAINSAM CT WISS BACKDROPS CO STAR TREK (2) CHICKMAY DAY O W83 VIRUS KILLERS TI SUBLIMINAL XTC (2) IN MIR MEN OLYMPICS (Z) CO WIND HACKS IT MOBILE SPACEBALLS I IMAGINE BUDDY H/D (2) FORTRESS & KARATE M TO LETHAL BUT O SPECTRUM EM VI 3 AGA I SANITY ARTE DIKT'S BOARD GAMES TO NEOPLASIA PHOBIA TO ROCKETS AGA (BRILL) O SLIBTLE SHADES CH CASE OF OR STRANGE C) MASQUERADE AGA (2) SPECCY GAMES (38) IN SATISFACTION GITEED THE INSECTS AGA CT 2 PLAYER SOCCER LG O NO REFUND (2) C) CYBERTECH CORP AGA (2) I SEQUENTIAL CH CYBERTECH CORP AGA (2) CI SPECTRUM EM V2 NEW CI METTALICA MUSIC (5) CHASA TETRIS T SILVERBLADE C) SHAMEN MIX CH SV (C) BAIGNOUS ABA NO. THEY HAS LESSONS ANIM CT CARD SETS FOR ABOVE 1-18 C) DANGERMOUSE THECHNO MOOS (S) CO WALLY WORLD (2) CO 2 PLAYER GAMES AGA CI LSD TECHNO WARRIOR CI MOTOROLA INVADERS 2 (2) I BASS IN YA FACE CHAGA KLONDINE VS (4) H/D C) A TRIP TO DBASE (2) D SUBLIMINAL XTC (2) TI DELLIXE PACMAN CT DATA X TRILOGY TIME ZONER (2) MITON BHT X ATAD C PARACHUTE JOUST CT SOME JUSTICE 94 AGA D'LOVE DEMO (2) O FINAL CHAPTER (3) O DITHELS WILAND C) TECHNO MANIA I O RAISE THE TITANK IT SEDUCTION AGA (2) OTUNE UP THE BASE CI SCOTTISH F/BALL MANAGER C) PANTA REHI TI RAVE VISION O DEPTH-CHARGE CO MAX OVERDRIVE (3) CLOATA X RENDITIONS O MINI AGA (4 DISKS) TI DRUM LOOP SAMPLES CHRUACK DAWN 2 CI FRIDAY AT 8 O GLOBAL THERMO WAR CT CRASH TEST AGA

THORTAL GOOS RAVE SAMPLES C) DIGITAL SPELL (2 Dick) MUSIC THIRED GUNS MUSIC CONVIGENE CUZCO C) ARTIFIC PARADISE (2) T BANGING RAVES GRAPEVINE 20 (2 DISKS) IT SOME JUSTICE 94 AGA CAN'T BE DONE (2) AGA O FRIDAY 13TH PART IV CO QUACKBUSTED 2 AGA OMBO TOURDAIM C THE MISERY (2) INDUSTRIAL FUDGE THESSENTIAL CLASSICS

CI SPASM: LIFER, GOOD AGA J ACHALLAMAHALLA AGA CINDY OFORD 1 S/S (2) AGA DICINDY CIFORD 2 S/S (2) AGA **QUALITY ACCESSORIES** £2.50 £1.99

£4-50

. £2-00

.04-60

£0-35

\$2-50

. 95-00

£S-00

£2-99

£12-45

.. £5-95

100 for £1-50/500 for £6-00

CI ALADDIN SLIDES (3) ADDBE FONT PACK B disks full of type 1 fonts for your DTP work £6-00 **BUSINESS PACK** 6 disks for all your business needs £4-00inc P+F DTV VIDEO PACK 2

CT COMPLEX:REAL: AGA

O BIG TIME SENSUALITY (2)

INTERCHANGE AGA

C) NOT AGAIN AGA (2)

CT AGA FANTASY PICS S/S

CI BABYLON 5 AGA S/S

(1) BODYSHOP 6 (2)

C) BODYSHOP 7 (2)

C) ERIKA AGA S/S

DI CLAUDIA AGA S/S

O PHOEBE CATES S/S

C) RED DWARF SLIDES AGA (2)

IT VISUAL VERBOSITY AGA S/S

CT ORIGIN (2)

O'FULL MOON

CT VOLACANO

CHEMPLICIT 2

4 disks for all your video work, £3-00 inc P+P. **COLDUR FONTS** 5 disks, £4-00 inc P+P **BODYSHOP PACK** 12 disks £8-00 inc P+P FIT CHIX PACK 6 disks £4-00 inc P+P **EDUCATIONAL PACK** 5 disks £4-00 inc P+P **GIFF BEAUTIES PACK** 18 disks £12-00 inc P+P AGA GLAMOUR PACK 1 5 disks £5.00 18+ AGA GLAMOUR PACK 2 10 disks £8.00 18+

100 PD GAMES NOW ONLY £6.00 inc p+p SPEND OVER £15.00 AND RECEIVE A DISK C/KIT FREE

WORTH £2-99

BUY TEN DISKS AND CHOOSE 2 FREE

MONEY OFF VOUCHERS WITH EVERY ORDER.

PD DISKS AT ONLY 50P (SEE CATALOGUE DISK)

CT CRACK AND COPY CO SPECTRUM EM 1.7 WING CT SEXA 32PRO GAME/CREA CT CHEQUEMATE CT PC TASK 2 COLUTTUE OFFICE CI PRINT STUDIO CT \$10 2 THEASY CALC PLUS CT POOLS WIZARD JNR CO TEXT ENGINE VA.1 CT IMAGINE OBJECTS (7 CT SONIC DRUM KIT CO INTERNET GUIDE CT AMEGA FAX CHICONS + LOTS MORE (5) CT CALDRE BASE CI CHEATS VS CHERNY A CARD CODISK MANAGER V4.0 CI VIRUS BOOK CHACCOUNT MASTER 2-12 CT DISK REPAIR 3 CI DIVIDEND WINNER C) SUPERLEAGUE VS.4 CT DPAINT 4 BUDDY SYS (2) CT KICK VI.4 C) ASI AGA MULTI-VISION CI MAKE YOUR OWN S.B.D. CI ADOBE FONTS & DISKS DIA1200 UTILS DISK CT AREXX REF MANUAL D SPECTRUM EMULATOR V2 CI VIRUS CHECKER W6-42 O VIRUS WORKSHOP V4-0 O'FINAL WRAPPER C) IMAGE OBJECTS/TEXTS (10) C) AUTOSTEREO GRAM DIASI MULTIPRINT 4 CI VIDEDMAXE V4-53 CI DPAINT V4.1 BUDDY (2)

O MOVE GUIDE (2)

C10-C0FY 3-1

CILOCK PICK Z

O ENGINEERS KIT

CI AMIGA BEGINNER

O MENUMASTER 3

CI WISENCH 2 TUTORIA

CLAMIGA DOS TUTORIAL

OF FREECOPY 1-8 OF NEW 1.9

CO X PASSWORD HID

SANNER MAKER

THOW TO CODE IN C (2)

STAR TREK GUIDE (Z)

CT CG FONTS (7

TIVIBLIS ALERT

FORGODORS 4

PRINTER CRIVERS

PROTRACKER 3-1-Y

MAGIC WIR EXTRAS

TERM 4 (COMMS) (3)

MAREXX GUIDE (2 DISKS)

KT'S LIBRARY, NOW ON

3 DISKS, AT 75P EACH

3 No. 1 - AT KT's Latest, 17 St., ASI CLR

ALL 3 CAY DISKS FOR £2-00

ALL TITLES

CLG 61 W/CUP MANAGER (3)

No.2 - LSO, Scope, 17 88 1-3000, T-bag.

TO WES LIBS AND DATATYPES

OCTAMED 2 + Y

D X BEAT PRO . Y

IND SAMPLER I

TRADIO JINGLES

C SHARD MAKER 2

CT SNOOP DOS V3-0

Anigor and more.

CLE 05 A-CHORD

CLE 10 B CALLY AMBGA (3)

CLE 35 SOLAR SYS # (3)

CLE 48 ROCKET MATHS

CLE 49 TC DINOSALR 3 (3)

CLE 60 ZENER CARDS

CLE 51 PAINT & DRAW

CLE 53 LETS LEARN 2

CLU 03 TYPING TUTOR

CLU 04 ALPHA GRAPH

CLU 09 PLAY N RAVE V2 (2)

CLU 10 POWER ACCOUNT

CLU 39 HARD DIMENU 2

CLU 21 PAVOICE MASTER

CLG 54 NATIONAL HUNT

CLG 49 SPACE POWER

CLG 57 DREAMSTREAM

CLG 53 WALL STREET (2)

CLG 48 LOST PRINCE (2)

CLG 42 CRYSTAL SKULL

CLG 44 VIKING SAGA

CLG 45 KNIGHT FIGHT (2)

CLG 51 TEN PIN BOWLING

CLG 55 CRYSTAL QUEST

CLU 32 POWER TEXT

CLU 35 CRITERION

CLG 50 HAIRPIN 2

CLG 56 SENTINAL

CLG 41 F1 RACER

□ CLG 43 PIC IT (2)

CLE 54 TITANIC (2)

CLE 39 LITTLE ARTEST (

PRO GAMBLE

ESSENTIAL PRINT/PROG

ROBY HOT UTILS NOW 1-15

CHOCC DUMP 3 & CHOCK COMPRES (D)

CHANGE STUDIO CD TITLES CDPD NO's 1/2/3/4 £17.99 MULTIMEDIA T/KIT £17.99 AMINET NO's 2/3 £17.99 DEMO CD | £17-00 **DEMO CD II £17.99** 17 BIT DOUBLE COLL £35,99 17 BIT CONTINUATION £17.99 PHASE 4 CONT 2 £17.99 EUROSCENE I £13.99 LOCK & LOAD (GAMES) £17.99 NETWORK CD £13.99 LSD & 17BIT, COMP V1 £17.99 RAYTRACING NO 1 OR 2 £17.99 AMOS PD CB £17.99 FRESH FISH \$17.00 GOLD FISH 2 CD'S 527.99 SOUNDS TERRIFIC 2 CD'S £19-00 SPACE & ASTRONOMY £17.99 CLIPART CD £8.99 FONTS CD £8.99 PROFESSIONAL FONTS £17.99

GIFS GALORE CD £17.99

PLEASE ADD 75P P+P ON CD'S

CI LOCKOUT VZ.1

CLAMES HID INSTALLER

CI EPU DISTACKER VI 43

1 Disk Title = £3-95 2 Disk Title = £4-95 3 Disk Title = £5-95 FREE PD DISK WITH EVERY CLR TITLE We also stock Fred Fish 1-1000

CLR Licenseware all titles.

Assassins Collection

up to 214

Also Scope and LSD

CLR prices as follows

ALL DISKS ARE NOW JUST £1-10

All disks work with the A1200!

EACH! unless stated

101 AMOS PROGRAMS PACK (P) 3 DISKS £3-30 One hundred and one programs and procedures for any version of Amos. An incredible amount of code which can be used in your own programs! Some categories are: Graphics, General. Scrollers, Games, Demos and Utilities.

7 DISKS £7-70 101 IMAGINE OBJECTS PACK (P) For owners of Imagine - one hundred and one ready - made objects! General headings are: Flying, Video, Space, Star Wars, Star trek, Weapons, Household, Fruit, Furniture, Animals, Dr Who

and Computers. HOME MANAGEMENT PACK 3 DISKS (P) Calendar, Mortgage, Spreadsheet, Grammar, Mileage, World Time, Budget, Chequebook, Database, Typing Tutor, Typewriter, Grocery,

List Maker, Home Banking. CLIPART PACKS 1, 2 OR 3 EACH PACK = 5 DISKS £5-50 3 different packs of 5 disks, all full of the very best clipart for DPaint etc. (P)

3 DISKS £3-30 PC EMULATOR PACK (P) Turns your Amiga into a PCI Includes the latest PC task which now gives true VGA Resolution (if you have a 1900) and includes 2 disks of PC Public Domain software.

4 DISKS £4-40 ELECTRONICS PACK (P) A collection of excellent programs for any one interested in Electronics. Tronicad - provides you with ready made components so you can quickly create circuit diagrams , Digital Bread Board build and test Logic Circuits in real time, see exactly what the results will be on screen! Also includes 4 channel Oscilloscope!, Analyzer

Logic Tracer, Galer-Generic Array Logic, Logic Shop - Test Circuits. ANGLIA CLIPART PACK (P) (NEW) 5 DISKS £5-50 Brand new IFF clipart produced by Anglial Loads of high quality anti-aliased IFF images including cats, dogs, birds, wild animals, people and characters. Use

with DPaint or any program that accepts IFF graphics. 4 DISKS £4-40 ASTRONOMY PACK (P)

This superb pack now includes: Star Chart, Amigazer, Total Concepts, Astronomy, Gravity Well, Grav Sim, Orbit, Planet and Fast Facts on the solar system. 5 DISKS £5-50 DISK EXPERT PACK (P)

If you want to learn more about your Amiga, get this pack! - You'll be a disk expert in no time! Includes Power Packer (Easy file compacter), Sid (Brilliant CLI Replacement Tool!), Iconmania (Change any Icon in seconds), Fixdisk, Viruschecker V5-3, D-Copy (Copies, Repairs, Formats and more), CLI Tutorial (All you need to know) and 202 other utilities!!!

"C" PROGRAMMERS PACK (P) 6 DISKS £6-60 A complete "C" language and superb instruction manual provide all you need to learn the "C" language, includes North C (2 disks) and the C Manual (4 disks)

5 DISKS £5.50 SPECTRUM EMULATOR V2 PACK (P) Includes the brilliant V2 emulator that turns your Amiga into a fully functioning Spectrum along with over 70 of the very best Spectrum games/

5 DISKS £5-50 CLASSIC GAMES PACK (P)

(P) = Works on all Amiga Computers including A1200 An incredible collection of superb commercial quality arcade

Galaxians, Scramble, Missile Command, Pac-Man, Bi-Planes, Dripl, Space Invaders, Asteroids, Breakout, Tetris + morel 4 DISKS £4-40

games! Hours of fun for both kids and adults. Includes: Defender,

CARD + BOARD GAMES 2 (P) Another outstanding collection! 38 very good "Thinking" Games!: Chess V2, Backgammon, Blackbox, Towers, Pipe, Zerg, Maze, Connect4, Dominoes, Draughts, Othello, Go Moku, Dragon Tiles, Klondike, Canfield, Mastermind, Wordsearch, Hangman, Pontoon

and many more. COMPUGRAPHIC FONTS PACK 1 (P) 3 DISKS £3-30 36 Scaleable Compugraphic fonts on 3 disks. They work with Workbench 2 or 3, Pagestream V2+ (on any Amiga), Propage 3+ and Pagesetter V2+. Excellent fonts and great value for money!

3 DISKS £3-30 HARD DISK PACK 2 (P) Great collection of the latest hard disk utilities includes HDclick (menu maker), fileminder (directory etc), a backup (superbl), superlock (password protect every drive, mouse and keyboardll), disk optimizer,

copier, virus killer and morel 3 DISKS £3-30 A1200 PACK (A1200 ONLY) All of the essential software for your A1200I Includes: Fake Fast MEM, A1900 Run, Degrader, Sysinfo, Viewtek, Plasma, Winblend, Kill AGA, Tetris.AGA and more! Also includes the stunning

AGA support! 4 DISKS £4-40 PLATFORM PACK (P) All of the best games in the style of Sonic and Mario Bros. If you like those games then you'll love these I includes: Wizzys Quest, Wonderland, Wibblygiddy, Doody, Crazy Sue II, Roach Motel, Son

Lyapunovia.AGA create wonderful patterns and pictures with full

of Blagger and More II PRINTER USER PACK 3 (P) (NEW) 4 DISKS £4-40 Loads of brand new printer programs for 1994! With this pack you can: Print Addresses, print columns (Newspaper style), print banners and disklabels, use every feature of your printer, print booklets and more! Also includes a Stereogram program that prints out 3D images as seen

on Tomorrow's World!! HOME BUSINESS PACK (P) 4 DISKS £4-40 Designed especially for newcomers to business software, this pack contains a database (BBase), spreadsheet, accounts package and Wordprocessor (QED). Also included are a 12,500 word spelling checker and a word statistics program!

HOME BUSINESS MANUAL (P) Approx 50 page professionally printed manual containing full instructions for the Home Business Pack . Includes a specially written guided tour section that takes you through the major features of each program and ensures that you can use each program with confidence!

4 DISKS £4-40 ARCADE PACK (P) Our latest collection - The very best Arcade style games in the whole of PD. You'll play these over and over again! Includes: Cybernetix, Hellzone, Galaga, Nebula, Tanx, Defenda, Oblivion, Intruder Alert, Blizzard. SINGLE DISKS AT ONLY £1-10!

Catalogue disk with details of hundreds more disks, just 70p

B321 (P) Amigafox (English Desk Top Publishing) B399 (P) 600 Business Letters (Superb! - Ready to use) B327 (P) Text Engine V4-1 (now the very best wordprocessor with built-in 36,000 word spell checker!)

B335 (P) Forms Unlimited (Design invoices etc, quickly) B339 (P) A-Graph V2-0 (new version - easy graphs!) B348 (P) Easy Calc (The best Spreadsheet yet I) B349 (P) Amiga Diary (Easy To Use Diary)

B350 (P) Word Utils (Crossword Solver, Anagrams and more) UTILITIES U437 (P) D-Copy V3-1 (Latest disk copierl) U478 (P) Typing Tutor (Newl Great features)

U495 (P) Virus Checker 6-33 (latest virus killer) U496 (P) Messysid VΩ (Reads and writes PC disks) U4028 (P) Printer Drivers (Over 100 - Most star + Citizen models including colour and HP500Cl) U4036 (WB 2/3 only) Kick 1-3 (lets you use WB1-3 software. U4038 (P) DPaint tutor (easy route to Pro Graphics)

U4085(P) Clipart (65 pics of Aircraft 20 of space) J4086(P) Clipart (45 Fancy borders - V.Goodl) U4087(P) Clipart (149 General Symbols) J4088(P) Clipart (47 Religious Pictures) U4091 (P) Knit (Print knitting patterns from DPaint pics) J4098 (P) Flintstones clipart (lots of Colour Flintstones arti) J4101 (P) Superleague V3.5 (Football league editor) U4103 (P) Amos Extensions (for Amos & Amos Pro - 6 great extensions)

J4104 (P) Imagine Buddy (2 disks) (Imagine Tutorial) U4105 (wb 2 or 3) RE-ORG V3.11 (brilliant disk optimizer) J4106 (WB2/3) V-Mem (Provides Virtual Memory) U4107 (P) Video Max 4:22 (Latest Video Database) U4108 (P) Lock Out (Ultimate Hard Disk Security) U4109 (P) Pro-Gamble (Latest Race Predictor) L4110 (P) A.C.K. (Excellent Certificate Maker) J4111 (WB2/3) (3 Disks) Term V4 (Latest Comms Package)

GAMES C744 (P) Picture Maths (Nice Learning Program Age 5+) G6036 (P) Total War (Perfect version of The Risk board game) G6053 (WB 9/3 only) GNU Chess (Best chess game) G6056 (P) Cash Fruit (probably the best fruit machine everl) G6066 (P) (2 Disks) 18th hole (The best golf game available !) G6079 (A1200 only) AGA Megaball (AGA Arkenoid) G6095 (P) Scottish Football Manager (Best PD Management Sim) G6097 (P) The Shepherd (Brilliant! Populous with animals)

G6098 (A1200 only) (2 Disks) Masquerade (excellent AGA puzzie game) G6099 (A1200 only) (2 disks) Cybertech Cop (AGA Alien film

G6100 (A1200 only) Evil Insects (AGA Space Invaders) G6102 (P) Doctor Strange (new and brilliant platform game) G6103 (P) Draughts (Wonderful Version of Board Game) G6104 (P) Overlander (Like Moon Buggy) G6105 (P) Colonial Conquest II (Like Star Trek)

C712 (P) Colour Pad (New colouring book for youngsters) C720 (P) Colour the Alphabet (education for 4yrs+) C729 (P) Counting Fun (4+, sums practice) C738 (P) Match with Humpty (Fun education age 3-6) C739 (P) Animal Land (Learn where they live age 2-6) C740 (P) Treasure Search (Find buried Treasure, age 4-8) 741 (P) Little Traveller (Superb world atlas, any agel) C742 (P) Alphabet Paint (Learn alphabet by colouring, age 2-6) C743 (P) Danger Mouse (based on the cartoon!)

C744 (P) Picture Maths (Nice Learning Program Age 5+)

DESKTOP VIDEO PACK 2 (P) (100%) 4 DISKS

£4-40 Probably our best pack yet! Provides everything to start you off in video. 5 Movie for Smooth scrolling titles using any font of any size: Showiz for slideshows with loads of wipes and fades: A-Graph for business videos: Shadow Maker to add shadows and smooth any font: Video Librarian: Video Tools: Video Tests: Loads of fonts and more!!

DESKTOP VIDEO PACK 2 INSTRUCTION MANUAL!!! (P)

£2.99

A 50 page instruction manual for DTV pack 2. Professionally printed, contains instructions for all the programs in the pack and a section on fonts and how to use them! Also includes a superb guided tutorial that takes you through the major programs step by step, letting you create your own titles as you go! Designed for beginners and experienced users, this manual will make desktop video easyl

FRED FISH CATALOGUE DISK 350 TO 1000 JUST 70P

HIGH QUALITY HARDWARE 8mm High Quality Mouse Pad.. £2.99 Amiga 500/500+/600/1200 Dust Covers..... £3.99 Phillips 8833 Monitor Dust Cover..... £4.99 3.5" Disk Drive Cleaning Kit .. £2.99 Blank Disks (high quality with labels)..... £0-50

ANGLIA PUBLIC DOMAIN LIBRARY (Dept AMF), 30 Victoria Street, Felixstowe IP11 7EW



post & packing.

PHONE

PHONE WITH CREDIT CARD OR SEND CHEQUE/PO (PAYABLE TO A.P.D). PLEASE ADD 70P (PER TOTAL ORDER) FOR P&P.

A + V1286 PRINTER DRIVERS Now also contains the program called sid for → + V1303 SCALA PICTURES with The program Scala. Theres about 15 pic A + V1305 THE V.W.S v4.0 VIRUS WORKSHOP, Wasproduced to get rid of a the viruses around. Takes overwhere Boot X left off. □ ^ * V1307 NETWORKING (3) updatedevices and libs ^ * V1310 GUIDES _ ^ + V1311 CD ROM ☐ ^ ^ V1318 (AGA) SWERVE Is a selection of images for use as backgrop ^ + V1319 MAXIFLIFE SPENDWIZE satooltoussetyou in majumising your □ ^ + V1321 EDWORD PRO v4.1 ^ + V1326 COMMANDS & LIBS A ^ V1330 (AGA) COLLECTION ColourConvert, PPShow, Viewtek ☐ ^^ V1335 LIBS & DATATYPES ^ + V1354 FIVE STAR V1.0 □ ^ + V1357 CITIZON MANAGER ^ * V1360 WB 2.0 TUTORIAL ☐ ^ + V1362 CHECKER TOOLBOX ^ ^ V1369 ENCRYPALGORITHM → + V1060 BOARD DESIGN

A TOTAL

A TOTAL

A TOTAL

B Includes mCAD v1.26 and several territ outines for the electronic enthus ^ + V1069 PRINTER DRIVERS Desk-iet 550c, 500, 500c, Ricoh HP1200, Canor R1300.130.1.PR.10e.P11080sHPPs ^ + V1079 KEYBoaRD TRAINER lest Public Domain Typing Tutor □^ * V1095 THE DEGRADERS you have trouble running software on a A [200 or A4000/030/040 give this disk a try i will emulate the basic 1.3 rom better that an ^ + V1114 PRINT LABELS ^ + V1405 VIRTUAL UTILS DocDump2.1, Envelope Print v1.2, Inlay Maker v1. MC mustery L. I. Banner Press, Label Print ^ * V1136 DISKSALV 2v11.31 s a disk structure, file repair come salvage of indelete utl. HDClick, is a hard drive m ^ ^ V1164 (AGA) A1200 FIX DISK ontains all what you would need for getti sks to work on your new a 1200 compute ☐ ^ + V1178 KS 3 EMULATOR his disk is a multi kickstart selection uti fisk, You can select Kickstart 1.3 (34.005 Kickstart machine (as it is) Kickstart 3.0 ^ + V1179 FILE-O-FAX Designed for you to work at your own leisure without phone, if it's not released yet worrying about forgetting those important meetings, o → + V1196 DESKTOP VIDEO sa disk with making and editing your very own vide asterpieces. Excellent software ^ + V1207 OCTASTUFF Anewcollection of utilites come samples come module freshfish and aminet subs. forusewiththefamousOctaMED Credit & switch cards only o ^ + V1209 GNU C++ COMPILER

Requires: HD 6Mb+, Disks consists of th

atest version of the GCC environment, Th

compiler, driver, assembler, linker, heade

Contains the Programming languages like

☐ ^ + V1213 PROGRAMMING

s, inline code generation of libraries. (3)

ce, AmigaE, AmigaEdo, SBProlo CPL4AMI, EGUI, Pascal and others (3) A + V1219 THE AREXX GUIDE AmigaGuidedocumenttoteachyouAreox!! To A V1221 (AGA) BLANKER BlitzBlankerhas 14 different blankers all read show off your AGA machine! ^ + V1222 PANASONIC STUDIO Special printer Preferences editor and driver estem for all Panasonic 9 & 24 pin printer

BPA1-2, BJC 800, BJ510-130.

^ V1227 GADTOOLS v2.2c

provide programmers with new Gad Tools

^ + V1242 RE-ORG v3.11

ontains a collection of sharded libraries intended:

→ + V1236 INVOICE PRINTER

a fast shareware disk optimizer for AmigaDOS

_ ^ + V1243 IMAGE 2.0 OBJS

☐ ^ + V1247 TEXTURE MAPS

1 + V1250 SOLDERING

program.FromOctaMED3.xupwards

" V1277 STAR STUDIO

^ + V1278 MAIL-O-DEX

^ + V1282 FOOTY v1.9

Printer-driver for controlling any printer printer.

^ + V1279 PRINT-A-CARD

Volumes4to7packedtoburstingpointofImagesforus

320x200 JPEG format for use with an

rendering programs, textures like Organic

Contains many useful tools for drawing good qualit

☐ ^ + V1269 OCTAMED TUTOR

A simple guide through the basics of this excellent music

An excellent way to keep names, addresses

Phone numbers, ect & then print them out.

Want to print a business card or any other

type of card then this is the software for you

^ + V1280 DIVIDEND WINNER

apools prediction aid which will advise which number

sit back with your mouse-mat on your lap a

keep track of whats happening in the lead

asy installation of the Printer Drivers

total and are very sharp indead.

fictures in 736x580 16 colour format for us

ortainsutilitiestohelpaidin Networkingyour Ami

eAmigsNOS,DNet,ParSerNet,alsocontainsvariou

ontains AGAGuide, which gives full AmigaGuid

formation and Libs Guide is a Guide to the Amig

ontains a selection of CD Rom related utilities lik

If are in maximum oversan for best results

rubievoutotakecompietecontroloveryour finance

ed language editor or Word processor on the Amig

er 100 commands that lie within a cdirectory, and over

ACiA sourcecode, IFF Birrary convert, Sprite Converter

AGA)47Librarys forworkbench 3 computers, all an

powerful prediction tool for LOTTO, POOLS

1 + V1356 NOERRORS v1.3

unction is to hide physical disk errors from floppy disk

uperb prints that, have been tailored to su

ouarenewtotheAmiga-WELCOME: There is

tmore options open to you than just playing games

breaksdownthemakings of Workberich & make them

^ ^ V1361 (AGA) 16-COL ICONS

hese icons were beautifully drawn by Roge

McVey, and I must add that the originals are

Incredible:Amigadiagnosis program. Rursselflestonal

hips, all the ports and even the disk drive! All you

ardware istested and displayed in graphical information

very Amigaownershouldhaveacopy! Findout what

wrong with your Amiga before going to the repairer oget it fixed. It may save you a bob or two!

A * V1363 AD&D ASSISTANT

play-time dungeon master's assistant and CHARGEN.GUIDEv1.0

^ + V1367 CHEQUE-MATE! v1.0

heRivest-Stamir-Ademanencyotionalsoriffmison

fseveral recently developed techniques for encryption

sichput immersely secure encryption within reach o

^ ^ V1371 (AGA) ASI FIX DISK II

tilities to reclaim lost hard drives, files and

orceVGA, KillVGA, RunLame, RunPAL

A + V1384 HOW TO CODE IN C

overs Debugging, Intution & Grafik

adbibliotek, Tips, Tricks, AnropaAsn

ranC, DosIntuition, Workbench-start

a simple package that allows you to creat

Make, GadToolsBox + Power Source.

__^ + V1394 CD-READER v1.1

based around the pamet networking sys

and uses the standard parnet cable if you do

The Device Masher system will compatch

complete disk to a simgle file on your han

ontains five utilities containing everything needed for

any Amigausertomake virtual memory from their han

ive. The Amign is fooled into thinking it has massive

^ + V1416 EYE OF THE BEHOLDER

tilities like end of level saved game file

special quests explanation, Character Editor

PRE-ORDERING CDROMS

When ordering a cdrom by

you may pre-order it with a

£3.00 discount (ie a £19.99

cdrom will only cost £16.99),

This will also count on

charged on day the cdrom is

Postage & Packing

is only 75p per CDROM title.

dispatched.

amounts of RAM when really it only has a small amount

not have we can send you one for £9.99.

A + V1400 3D STEROGRAM

__^ + V1404 DMS v2.03

e of the Beholder Solution.

theck-sum errors, software like AGAFixer

I. ScreenModeChanger and Shutun

homecomputeruser, Non-AGA V1368

letails about cheques, salary, direct debit

helpyou control your personal finances. Ente

he best icons I have seen on any syst

dharddisks, sothesedisks can then be used without

DTVPIaverv2.2.PlavCDDA, RendDCTV

ibraries, findalmostevery Library

dum from vour outcome

though 100 features, By MRoddy

arvs will spice up vour disks

enturnodate and just waiting for you

WEEP, DIGIT and HORSE (races)

ore understandable to the user.

enteronyour coupy on based on sequence prediction

circuitdiagrams, and also vero-board (stripboard/solder

Willprint invoices onto your letterheads. Much sortaffer

urners, SNOOPY v2.0Enables you to monitor library function calls of any fibrary your ^ + V1418 VIDEO TEST SYSTEM s a collection of 20 test patterns (displayable with any IFF animation viewer) that can be used to evaluate monitors, TV sets, VCRs, and other NTSC video equipment The Deluve Signiture and Coot of Arms Creator Youget ^ + V1223 CANON STUDIO 2 i selection of letters for use invournew significant ☐ ^ + V1422 BANK MANAGER rinterPreferenceseditoranddriversystemfor800&880

he trouble with statements is that they only

If you what you have spent after its gone.

is project makes it possible to view Telete

also know as Teletekst, Videotext, Ceefax,

Skytext, Supertext etc.) on your Amiga. It is

The Commodore Native Developer Update

fistribution. Includes the fd files, libraries

It is about to easely manage accounts. This software

holds numerous ontions which are detailed in the

documentation(in ASCII format and in Amigo Guide

konsto found on this disk are: All the teams at this year

WorldCupFinalsplusawholelostoflooserswhodidn'

make it including Scotalnd, England, Wales & Northern

reland. Plus the entire Scottish and English Premi

agusplistope.ropenlegusidsplisfordower

specifically for Rangers, Manchester Utd, Celtic and

^ + V1438 WB 3.0 SCREENS II

Enhance your workbench disks backgrounds

with theses nice full colour pictures. Can be

A + V1439 DOS REFGUIDE V1.0

The first and only Arniga Dos reference Guide on the Arniga range hits the computer disk.

This database has many good features including

rapimum of 99999 records in one database and up t

56 fields in one record. There are extensive searching

Compiler environment for the Amiga. By Detle

WuerknermodifedCompilerandEditorsourcecodes

soas to be able to combine the two and make a single

a software package that, in combination with

as/Modern, allows you to send and receive facsimil

nformation from your Arrign computer. Received flow

can be viewed printed, forwarded to other first machines,

and saved as ILBM files which can then be accessed

A + V1467 AWARD CONSTRUCT

A very handy tool for creating your very ow

A ^ V1468 GAMES HD INSTALL

trovides you with the software needed to install certain

ames onto your A1200. The games that this disk can

stall are BodyBlows, Goal, Lemmings 2, Superfrog

→ ↑+ V1479 NEXT GENERATION WB

owers up the Workbench photons & ready

our system for the Star Trek experiences

^+ V1509 PRO-GAMBLE V1.0

is a horse racing prediction system thats easy

A^ V1512 256 COLOUR ICONS

This disk is full of lovely colourfull icons for

use in WB3 only as they are 256 colou

Aa geneaology application. It provides all you

seed to build up a computer database of you

→ Y1514 ABC PATTERNS

☐ ^+ V1516 TERM V4.0 (2)

es it is probably the

^+ V1518 APOLLO 11 (2)

for those of you who get a little bored with t

old plain grey Workbench, here is a disk fu

of all the WB putterns and screens. Good.

The latest version of this very well known

comms terminal program. Version 4 has ever

more features and although it is not for

very informative hypertext book all about

he famous Apollo 11 mission which allow

nan to set foot on the Moon. Stacks of

nformation interspersed with photo documents and diagrams. Very good.

→ ↑ V1522 VIRTUAL WORLDS

Analverturecretorforwhichyoureednoprogramming

unowledgetocreateworlds. Using an easy to use poi

indelick interface, you can design an entire advertur

□ ^+ V1523 RELOKICK V1.41

ANOTHER(!) version of ReloKick

^^ V1534 ICONIAN V1.97

AM of a Profiles of the Alien

ailable)usestheHAM8-mode

Howdi doodiely doooo Amiga freaks! It

^^ V1532 RAYTRACED ALIENS

an iconeditor with all the functions of IconEdi

under OS3.0, plus more. Features: Support

lighestquality.JPE.Gviewer(ifamap-fileforthatpicture

^* V1538 MASS ICON ALTER

manipulation of many icons all at once

is a program package with which you co

sily start events, that have to be done a

A* V1540 TIMEGUARDIAN

^* V1541 VMEM V & VMM

VMEM v1.0 Release 1 VIRTUAL

MEMORY SYSTEM for ALL Amigas wit

WB2 or above. VMMv2.0 is a virtual memory

managerforany Amiga with a 68030 or 68040

processor. Up to 128 MB of virtual memor

The dots (which seem random) are calculate

in such a way that if you focus behind the

picture (monitor.etc), you will see a 3D pic

cataloger that allows you to create picture

unantennadesign program used to calculate current

impedance, and fields of wire arternas. The wires may

^* V1548 PRO-WIZARD V2.0

tools like NoisePacker, ProPacker, etc. It converts a

THE IMAGINE BUDDY SYSTEM is an

¬^+ V1556 IMAGE STUDIO v1.1

Has been written for the casual graphics user

who wishes to convert or manipulate various

aphic formats on almost all amiga machine

" V1559 TOATERS TEXTURES

ontains four Reflection Maps, Two Burns

" V1560 BIG DUMMYS GUIDE

he first edition of the book By Adam Gaffi

despatch Cleared funds only

PAYMENT DETAILS

Make Cheques, Postal Orders (not crossed),

Euro cheques & Bankers draff's out to PD-

ORDERING BY POST

PD & SHAREWARE

Mans, Nineteen Surfaces and much more.

scellent new addod for Imagine 2.0

multi-converter for Amigamusic files packed wit

ese weird formats in the standard Protracker format!

→ V1544 MANAGECOPICS

latabases and easily view the pictures.

□ ^+ V1546 MN3A v1.2

1^^ V1542 (AGA)

vith a real feeling of depth

ovtanlumped-ovestartloads

^^ V1554 I.B.M (2)

TO THE INTERNET

STEREOGRAM GENR V3.8

or sizable windows and custom fonts

^^ V1535 (AGA) JPEGAGA

to use and accurate in it's predictions

4 V1513 SCION V3.13

onts and graphics to choose from

wards and certificates. There are many styles

☐^ + V1462 AMIGA FAX V1.4

sed as backdrops for you workbench.

A + V1440 DATAMASTER

scilities and printing possibilities. Very good.

^ * V1443 HCE V1.0 (2)

program, 'HCE' By Jason Petty

ingmany standard Amion program

nd Walker Couldbe very usefull.

ewcaster Utd forscrammed full with icons

Kit that can be licensed for separat

→ + V1423 TELETEXT V1.2

^ + V1430 N.D.U.K V37 (4)

rtups, C include files, and tools,

format). It's compatible from 1.2 to 3.0 syste

^ + V1436 ABANK V1.0

utable for any PAL Ami

^ + V1417 BANNER V1.5 A+ V1561 RADIO JINGLES tof IFF sound samples which are radio jing iomehinemelodiesandsomearesimply voicessiying likeTheUKsNumber11etc Vell here we have six whole disks crammo full of sound samples. These samples are nearly all loops which can be used to provide he beat to a modules. There are around 10 to * + V1420 SIGNITUR CREATOR samples on each disk. Very good. (6) □ ^+ V1570 IMAGINE FONTS his set of four disks is aimed at those who ase Imagine 3.0. Each disk contains about

venty Adobe fonts for use with Imagine. (4)

his disk gives you everything you need to

uninteresting set of educational games. There are three

all. The first one uses arobotto teach multiplication.

he second teaches the alphabet and the third teaches

is an educational game aimed at children ago

ughly between 4 and 6. The aim of the game is to guess

herecertainanimals lively pressing the correct number.

utheendthere is a memory test in which the child must

memberwhichnumberscorrespondedtoenchanimal.

s is a selection of utilities taken from the popular

uninetnet. The following tools are included: ABackup

backuptool), AGW (forcreating AmignGuide files)

Bootscreen (shows an IFF whilst machine boots

Tipbourd(enhancesamignelipbourds), CombineANIM

rukesore large arim from two smaller ones). Dostrace

20 (reports exactly what dos is doing) and EditKeys

A+ V1579 BEST OF AMINET 2

is is a selection of utilities taken from the popular

ninetnet. The following tools are included: Address

vorks like the amiga clipboard but stores lots of

ferent clips etc.), CPU usage (reports exactly that),

usedinUnivandMSDOS), Magic Word 1.1 (aword

placementsystemusingkeystrokemacros), xPacKit

cruncher/decruncherthat uses the xpk.library) and

his is a selection of utilities taken from the popular

Aminetnet. The following tools are included: AEM (an

nigsGuidemagazineAmigaEntertainmentMonthly

sue 101). ARTM (Amign Real Time Monitor-all the

tern infoyou'll everneed), HotMaps (allows tw

maps to be used at the same time). Card App (allows

euse of Amstradroterad PCMCIA cards to beread

heeschangecommodity), FontPrefs(aclone of the

workbenchpreferencestool). Heddley (an Amiga Guide

A+ V1584 A TO Z PAINT PAD

ise computers as well. Basically it is

A+ V1585 ARTISTIX

omputerized colouring book. There is a

icture for each letter of the alphabet which

an be filled in with colour using the mouse.

his children's art studio is an art package

deal for the kids. There are loads of options.

n fact there is everything that most full blown

1^+ V1586 COMMS GUIDE V1.1

AmigaGuide (hypertext) document a

about the world of Comms. It includes

nformation on hardware, how to connect to

BBSs and everything you ever wanted to

Synthy3.2 is a great tool for generating sounds h

Monthesis DM Playerisatool for playing Deline

Music 2.0 CMUS files, Midi Packet Master lets you

insmit receive samples between your amiguand a

Middevice OctaMEDPlayerv5.10 sagregtprogram

toloadandplayMEDtunes.XModuleisagoodmodule

onverter for Noise Protracker modules. Very good

This is a handy tool for protecting your

Amiga. This utility is designed to prevent any

fom Dick or Harry from switching your

Amiga on and destroying files or looking at

hings they should not. Easy to use. Good.

nly at children. The only thing that this

ogram can do is fill sections with colour.

pplied on the disk are several pictures

Well what do you know? A program that will

allow your Amiga to communicate with a

asio pocket diary! Even circuit diagrams

and parts are given for the construction of the

quired hardware. All casio files can then be

wed on the Amiga as well as the Casio.

¬+ V1593 EPU STAKKER V1.7

Yes you can now double space your hard

drive using EPU. This tool will compress

everything written to the hard drive and

decompress it as it is used. The entire process

his is a set of three disks all packed full of

A+ V1602 ASSIGN MANAGER

This is a very useful utility for your workbench

and sorting your Assign. Also included or

this disk is Assigns 1.1 which does much the

samething. These therefore eliminate the need

or tens of lines in your User-startup. Good.

here are four utilities on this compilation.

PCRestore is a tool for transferring files

between a pc and Amiga. Address Manager

.0 is a small database for storing all your

names and addresses. Windows Daemon

ves you the user a good control over intuition

indows and menus. EditKeys allows you to

A+ V1604 DESKTOP MAGIC V2.0

This is a great funutility for you desktop. This

up an animation when the machine is left on

without being used. Also there are feature

which allow the introduction of sound effects

very good set of sound effects. These

one of these are really intended for musical

sound samples (saved IFF) range in subject.

se but more for games. All the FX are silly

he very latest version of this remarkably useful tool.

Snoopdoswill logall the dos/fibrary calls and more when

yourunaprogram. This ishandy for both the programmer

and the beginner. For example, Have you ever installed

aprogram to your harddrive and then discovered that it

will not run without a certain library but you don't know

which? Wellfris willinformyou. A highly useful program

A clever utility which works with Dpaint to

ring you a help system for the program.

nply select from the Dpaint menu bar and

PHONE

which has been improved massivly for this release

1 1+ V1612 DPAINT BUDDY

sch option is described in detail. (2)

NUMBER LOCATOR

sounds (pops boings etc). Quite amusing

4 V1611 SNOOPDOS V3.0

sign and save your very own keyman

program stops monitor burn in by popp

1 A+ V1610 MYSTERONS FX

to your workbench. Very good.

system preferences program for organi

A+ V1603 BACK TO BACK

nvisible to the user though. Great

A+ V1594 DJ JINGLES

FF sound samples of radio / DJ jin

A+ V1592 CASIO COMMS

A+ V1590 SECURITY

A+ V1591 PAINT IT

pplications have but in a limited form

know about Internet etc., Very Good.

A+ V1587 AUDIO MAGIC 8

or children learning the alphabet and how to

Auchmore 4.4 (the well known text scroller), (2).

DosPrefs 1.2(allowstheswitchingoffhedosflagswhich

topdrives clicking, allow * as wildcards and allows.

Amuer 2 (Variame and address database), Clirbook

ates new keymaps). Good. (2)

"+ V1577 BEST OF AMINET 1

___^+ V1574 KIDS DISK 4

___^+ V1575 KIDS DISK 5

ubtraction. A good disk for your children

A+ V1576 ANIMAL LAND

new books created using Kids DTP 2.

SOFT. Credit Cards & switch cards (min. FREE and if you like it, Register it order on switch of £15.00) can be used. OVERSEA'S ORDERS Oversea's Cheques Must be Drawn on a UK Bank (No oversea's Postal Orders). For fast Please add £2.00 to the our normal postage charges to cover the extra Airmail costs. DISK PRICE'S Please tick the boxes to the left of the disk £2.00 @ disk - 5 Disks £10.00+£1 numbers with a Pen, Hi-Lighter or just outline £2.00 @ disk - 7 Disks £14.00+£1 the disk (s) you would like to order. Hand 2.00 a disk - 8 Disks £16.00+£1 written orders are also accepted. Orders with cleared funds will be sent by 1st class post.

11.57 @ disk - 14 Disks £22.00+143p £1.42 @ disk - 24 Disks £34,00+245p COLLECTING DISKS The Disks contained within this advert are PDSOFT: Unit2,6-8 Durham Road, Southend Public Domain or Shareware unless otherwise On-Sea, ESSEX, SS1 2YD.

Phone bill. Contains Apllications, Games, Songs, Demos, Pics, & Anims. o AMINETSUBA Subscription service s now avaliable on the AMINET CD range, at £16.99 on day of release dispatch of each CD #5 Released Jan 95 O PRE-ORDER AMINET 5 £16.99 which will not only tell you the location of an STD code (eg. 0702 = Southend-On-Sea) ^ ^ 3942 PLANET FALL AGA out also the local area as well (eg. 070) Great(andhard)LunarLandergame. 2levelsofagrea Southend-On-Sea lurur landerty peggme, with nicesounds and function. hoeburyness). This is incredibly clever and ☐ ^ + 3944 MOONROCKS tis an exclusive feature. Also included on this Recent news reports indicate a famous dead fisk is a version which will work when the rock star has been sighted on the moon. Your STD codes are changed throughout the UK 1995, Superb. 1 14 V1615 SATURNE MODULES

aMiNeT 4 cdrow

The worlds largest Amiga Pl

ast collection, with this series of CI

oms it gives you the access with-out the

lection. Over 10,000 users access the

The first part in the series. This disk has four noise tracker modules (power packed) which re indeed very origanal as well as good. (2) 14 V1617 CHEATS V3.0 An excellent set of game cheats and solution which are presented with good graphics and quite recent adventures here. Very good. GAME DISKS

musing sound effects taken from films and artoons. Several good solutions for some __^ + 1060 STAR TREK: TNG This is a stratergy based Star Trek in which you control the Enterprice A + 1081 ULT STAR TREK This is probley the most famious of the games here with great graphics and sound. 1 - 1073 TETRIS ORIGINAL This is the closest game to the original tetr ___^ 3040 TETRIS (AGA) you like tetris, you need this 18 HOLE GOLF

Fully selectable speed and power functions com-bined eith surrub graphics and sound. (2) ☐^+3310 STARBASE 13 1 + V1581 BEST OF AMINET 3 sa graphical adv simular instyleto monkey island & Operation Stealth, Abrilliant game (2) A+3370 DIGITIAL TETRIS A ^ 3454 (AGA) KLODIKE ancyagame of Klodike with AGA graphics. (3) 3619 GNU CHESS 4.0 teoritains anice graphical user interface (menus, us romanA600/A1200), CXHandler(areplacement for mouse to move pieces ect.) The advantages of this ogram over that others are GNU Chess is a much ☐ ^ + 3766 SMASHING TETRIS Another tetris variant game with excellent olourly exiciting graphics A + 3803 A DAY AT THE RACES

which you can run a horse racing stable with a election of options. Runastable of horses. ^ ^ 3804 (AGA) MEGABALL he best Amiga bat & bat game ever. New Bats, bricks, sounds extra levels A+3814 HIGH OCTANE! werhead view of the race course. ust has to be purchased because its brilliant

Stunner of a game in the vain of HotRod! You get an ^ ^ 3819 (AGA) TO THE DEATH The Best Karate type game around. Select various characters and special moves. → + 3820 DOG FIGHT Billiane but with better graphics, sounds, extra long mem sizes, split screen o AGAplation, Youaretolaheachburneithamachine

gunandmust fendoffall kinds of enemies ^ + 3841 KRILLIAN INCIDENT ake control of a federation starship & travel the known galaxies defending outposts from certain factions of the race called the Krill. milar to games such as Elite and Epic Driving simulator that is shown isometrical on the screen, cars are all three dimensional.

Good game in which you not only race against the ever improving computer cars but o customise your car with new parts. __^ + 3846 TANX 'N' STUFF re screen is divided into four and then each pl ves his or her tank around the countryside in search rthe other three tanks which must be destroyed. ^ ^ 3864 (AGA) MISSILES ournust defend your city of Xenon in this futurist nuclear war game. First purchase all the weapors and defences that you need, therry our have to shoot down the

vesoferenty misules which come in all shapes and es. Superbgraphics & sound. () ^ ^ 3885 IMPERATOR A strategy game for one player in which you mus conquerthe world. Contend with barbarians, plagues,

al empires and vour own commanders A + 3897 TASKFORCE is in fact quite a complex, strategic war game n which you control a taskforce of five men A + 3904 SOLAR LORDS nexcellent wargaming game with loads of features ke, personal rating, income perturn, credits, military

nower, luck rating, strategic power, sciencerating, __^ + 3909 TOOLBOX n this game you must move a teddy bear round his toybox in order to destroy all the d toys by pushing toy blocks into them. ☐ ^ ^ 3914 (ÄGA) BEETLE atformouzzlerinwhichyoumust manoeuve the beetle around various levels collecting all ngs of fruits and other power ups

his game is played with a minimum of tw layers. The idea of the game is to destroy our opponents within the realms of various ifferent levels. Different weapons can be collected as well as other power up ^ + 3918 STEWARDS ENQUIRY ver played one of those horse racing games on an old 8 bit machine. Well this is just like those. Up to eight players can bet their money

on horses which race before your very eyes classic puzzle game often found on Windows. You must uncover squares without itting mines and try to work out the where abouts of the mines and marking then A + 3920 TIMELESS EMPIRE A text adventure in which you can vertually

decide the result yourself. __^ + 3936 DEEPSPACE V1.6 sanansi/ascii text spacerole playing game. Includes megaentuncements from our original Aminet release andafewbugfous CYCLESIIThis Light Cycles game illows youtodesign the courses many paint package. __^ + 3938 GLADIATOR V1.0 Wargame that runs in WB window. Strategy game. You control 1 or more characters which can be magic users or fighters) and the

Driental game in which you have to remove tiles from a ayout (like Shanghai). Every game has a solution and here salayouteditor.

omputer controls an opposing team

1 + 3939 IMPERIAL V2.65

COMMODORE 64 PC Task v2.0 £34.99 NEW PRICE

usion, if you choose to accept it, is to find

^ * 3945 SPHERES OF INFLUENCE

s a strategy game of galactic colonization

for one to eight players one of which must be

numan.) Hard drive installable. | MbofCHI

m's Video Pokery I.O, Lazymines v I.O, Mastermire

.6, MineSweeper, Montana v1.2, NineMen v1.6

☐ ^ + 3947 FOOTBALL MANAGER

This is probably the best Football Manager

game currently on the market. By Datasoft

Your stuck on a board simular to a chess

board but with squares missing. You have to

Move around the board after passing over a

sqaure it will dissapear!, You have to end on

^+ 3949 INDUSTRIAL ESPIONAGE

neto-steal secrets from a company. Along the way you

must search rooms, plant bombs, shoot guards and

accesscomputerterminals inorder to complete missions.

latform game in the style of Super Mario, Brillian

GAME for all its nice colourful graphics and play ability

→ A 3958 (AGA) TETRIS DUEL

histetrisclone is for those of you with AGA machines

only. The graphics are very good and so is the game play

There are a few extra features such as bombs and other

nesthat drop down instead of the normal blocks.

his is autility for compiling and storing football result

tallows you to build up a league and or cup database

asily and then allows easy access to all the information

¬^ 3968 ERIC SCHWARTZ

his AGA version has even better graphics

Moonbuggy. Youtake control of a moonbuggy and

must raivigate the planets surface whilst shooting both

his game is an AGA pacman clone which

uses the full 2 meg of your machine. Not very

^^ 3972 ZOMBIÉ APOCALYPSE 2

This is the sequal and it is better. With improved graphics

and sound effects this game is even more govey than it's

original, is operation wolf style and is full of blood.

A very good new adventure type arcade gam

for two players. You are each a knight who is

natrolling the dungeons. There are many items

collect and if you see each other you can

TOOTH

ve a fight. Excellent graphics and gamepla

his is a guite armsing platform shoot emup. Theiden

istoblow asmany birds and other jungle animals apart

accomplie with Bob's trusty double berralled shot gun!

Acutelittlencinggamewhichisabitlikeskidmarkshut

on a very small scale. The game can be played with up

othree players at once, and loads of options like new

A very cutey little shoot 'emup in which you are about

The games crolls upscreen through garden like levels in

ichvoucanshootjustaboutanything. Goodgraphics

sisaverygoodcloneofthegameQBert.Youneed

pcolouralthesquiresofapyramidinthispuzzlegime

oursethrustyourspacetroifroughspacecollecting

avergers from various platforms and then dropping

hemoffagainatotherplatforms. The catch is that you

vetocontrolyourundercarriage. Veryaddictiv

A+ 4000 TRICK OR TREAT

game that is played by two only. The game play

ratherlike Doomonthe PC but the idea is to knock or

doors where you will get a trick or treat. The treat will

his is a cartoon style puzzle game in which you mus

guide Schnebitzthroughench puzzle by moving certain

his is a very well presented arcade game. The game

meant to be like Star Wars. There are lots of well drawn

logis, menusandevenashort introwhich give this game

sprofessional feel. The actual gameplay itself snot quite

s exiting but still very addictive. You have to thrust

around inyour X-Wingcollecting to ops on the ground

his is old C-64 style Boulderdash clone

AdvancedMinDalvarchereisman, revigestisture,

s a single player dungeon simulation, choose from a

number of races and classes when creating a character,

then 'run' that character over a period of days, weeks,

evenmonths, attempting to winthegame by defeating

^+ 4067 DYNAMITEWAR V2.0

Atmygame for 2-5 players who fight against each other.

hisamianofrecommercial Dynabiase or Bomberran,

except a 1-player mode is not available. On the other

hand, there are a great number of extras. To win the

game, one player has to disintegrate all other players by

^+ 4068 ICE PRINCESS V1.4

Role-Playing Game which is a Demo version of an

interactive novel. You are an 18 year old or phan who

meets the love of his life on Christmas Eve. A fairy-tale

1 ^+ 4070 ROACHFARM V1.0

organiations on your new job as headshipping clerk

intheroachdivisionat Insect Funlac. Yourjobistofill

testubes with liveroaches in preparation for shippingso

that eager Roach Farmoustomers may stock their farms

☐ ^+ 4071 CITADEL SPACE EMPIRE

__^+ 4066 MORIA v1.2.0

he Balme which lurks in the deeper levels

plodingbombs. Author Andre Wiethoff

story for both young and grown-up children

vithlivestock. Author Lucus Swineford.

allowstouseall features.

ip you to seek and destroy the other player.

A+ 4006 SCHNEBITZ

coloured blocks into their correct positions.

4+ 4007 STARWOIDS (2)

BOB'S JUNGLE ADVENTURE

→ + 3975 AUTOMOBILES

tracks and different control methods. Great.

☐ ^ + 3978 SPACE TAXI

1 + 3976 PEEBEE

__^ + 3977 Q-BIC

☐ ^ + 3973 KNIGHTS

1^+ 3974 BUCK

A ^ 3971 (AGA) BACMAN

MORPHY THE MAGIC MAN AGA

but needs twice the memory. (4Mb)

□^+3969 OVERLANDER

1 + 3964 SUPERLEAGUE 3

players who each take on the role of a spy attempt-

he end square to complete the level.

☐ ^ + 3950 SPLOGGY

→ ↑ 3946 MIND GAMES 4

e rock star and land near hin

SCSv1.0, Washer, Ying&Yang

☐ ^ + 3948 SENSITIVE

o T1000 Fully Registered £39.99 The Complete Software based emulator !! Stunning PC Task! allows you to run the majority of PC Programs on your own amiga. Works New Christmas Price!! vith all amigas but the faster your machine is he faster it can work. Transfer files from miga to pc, Run MSDOS, Supports upto 2 frives & hard drives, Supports CGA, EGA VGA, Mouse, CD-ROM, and more. All this and its software not hardware WHOW

frive to the Amiga for direct loading or file ransfer. Software will is a compele emulation for a C64. it loads, plays software which works just as fast as the original. (P&P £2.45)

Emulator(v3.01)

→ ↑ 4084 FRUIT MACHINE Althought the graphics are simple the gameplay hly addictive and realitic. Good Game + 4085 DEPTH CHARGE based on an old arcade game in which you ontrol an subarine destroyer. Destroy sub-

→ 4086 SPACÉ TAXI V1.01 his is a clone from the old game on the C64. There can euptothreeplavers simultaneously. The third clave can control his taxivia keyboard or by another joystick lugged into one of these 4-Player-Adapters.

AA 4087 (AGA) STARWARS SLIDESHOW (AB) This is a slideshow of photographic materia taken from the motion picture. As these stills are true 256 colour pictures they are of a very good quality. Excellent.

AA 4089 (AGA) SOME JUSTICE ^+ 4090 GRAPEVINE 20 (ABC) ^^ 4093 (AGA) MECHANETIX ALIEN SCIENCE (AB) A very good Agaslideshow. The material for this two

dek set is mainly raytraced artwork of an Alien (as in the move) There are all as well as some short animations hichshow of this excellent work. Great.

rtwork and a wicked soundtrack A+ 4096 IMAGES OF VENUS his is an interesting slideshow. There are around 1

different black and white photos of the surface of the planet Venus. All the images are saved as GIF and the photos are dated around late 1990. Good. This is a good game. You have to play against the computer or another player. The aim of he game is to make your way up to top of the

eague by winning each match. The matches very cute platform game. You have to

occasional blob and collecting food and vels. Very good graphics. Good A+ 4099 OG THE CAVEMAN

enemy creatures and also try to collect fruit and axes which can be used to kill the enen AA 4105 (AGA) FACULTY LETHAL DOSE 2 (AB)

racedanimofa.256colourcatplay A+ 4111 AMBASSADOR V2.0

There are quite a few decent and original vectors and dot

his three disk set is a music demo. There are four tracks

tochoose from which are all myey tunes similar in some aystothemusic of The Prodigy, Good. A+ 4121 BAZZA N RUNT

buzzaorrunt) are the star of this wicked little platform grne which reminds me of bombjack. Good graph ^+ 4122 GLOBAL THERMO-NUCLEAR WARFARE

es, wehaveall seenthemovie WarGames. Well this thich one party plays America and the other play veapons and attack the opposition. Very well done 1 + 4123 SANTA & RUDOLF

4127 ARTHUR

Atextadverturebasedaroundthestory of Arthur (soon be King Arthur) and the Quest for Excaliber (the ord in the stone). You play the part of young Arthur and Merlinguides you throughyour quest. There are still amphies for each location and a hirt menu. Very good. A+ 4128 GREEN 5

is game seems at first to have the feel of Another World, This is due to the lengthly and very well an imated intro. In fact the gameplay of this game is that of a platformheat emup. Youaninjatypecharactermust nttleagurst other nings and plenty of other enem A+ 4129 COLONIÁL CONQUEST II

his is a strategy game which is based heavily on the gameCivilisation. Theideaofthegames to spready our ilisation@voughthe26planets.oftheuriversemap and to defend it from other civilisations by building

___^+ 4130 ISLAND his isan Amiga version of the boardgame Hotel. It can only be played by two players and the aim of the game istobuy and build an empire of Hotels until you force the otherplayerintobankruptcy. Good graphic

A+ 4131 MANGLED FENDERS A very fungame. Select your vehicle from the choice of six(tank, ponche, dusthin van, lamborgini, minibus, and another sportscar,) and then pit your wits against the obersinaring! Yesyoumustattempttosmashupalithe

ANIME 3954 IRON MAIDEN SANDMAN FACES 3956 STAR TREK 4010 4011

BETTY PAGE 4012

!! CODES & SYMBOLS !! WB3.x only Works with WB3.x Works with WB2.x WB2.+ only

Not WB3.x 7Mb Requires ? memoey

I enclose cheque/PO (or

please charge my card) for

Address Post Code

of the disk(s). Remember that Shareware is not

incurred, not for the programs or the contents

Your Name

us is for the duplication & handling costs

I am ordering from:

Name of Magazin

__^ * 3940 DUALMAZE V1.3

stated, Please remember that the cost you pa

Solvetwomazes at the same time! Single player game singthedualplayfield feature of the Amigatoprovide uniquedvillenge. Scrollinggraphics, music, and new

Space Empire, you compete with up to 25 other players attempting to control the universe and become theglorious Space Lord. Theroute is difficult and there many enemies along the way. Economic strateg (V5.0) This democrables you to walk through a 31 dungeon, All walls are realtime texture mapped and

shaded. The ECS version uses 64 colors. The AGA

and destroy the anemys ant nest, Tactical.

versionuses 256 colors. Author John Hendriks. A+ 4076 ANTWARS V1.9
Puts you in the shoes of an ANT who must tr

^^ 4095 AGA INFECT PROMOTION This one's from Infect is quite a good production although there are no real crackers when it comes to original ffects. However this demo is packed full of great

are decided by a card game. You pick cards which will say Goal, No Goal, Full time etc. A+ 4098 HAPPY MONSTER

bound about the platforms shooting the Another great platform game. OG is a cavemar and you must guide him past all sorts of

The first Agademoto be released by Faculty. This demo starts out with some excellent my traced logos and then moves into come well known det vector routines followed someotherbits and and ing with an exceptionly good my

his is a fruit machine game. As with the genuine article youputmoney inflernachine and then attempt to wina whole lot more back by gambling. The graphics and oundaremedicare. Geographia TASTE THE (AB)

A wicked mega demo. The entire demo is made up of special chunky type graphics which are good for all the pixel zooms, morphy and all the other routines used in this production. With good music to boot this demo is well worth seeing. Good. ^^ 4117 (AGA) MYSTIC VITAL

This demois packed with excellent tricks and routines. vectors included which are very good. Also there an somemindblowingfractals which will make you dizzy AA 4118 LOGIC TRANCENT RAL WORLD (ABC)

A very pretty little game. You being one of the two

isthegamewhichheplays. It is a one ortwo player game Russia. Eachthenhavetobuildupanarsenai of nuclear

An excellent game in which you can either play the part of Santa or Rudolf. You have to collect presents and shootdodgy little snow meninordertokeep Christmas live Greatmusic, brilliant graphics and fungameplay.

A+ 4056 ARCHY'S MINIDASH like bombs, magic walls, arrows, etc. full editor, what

weapons and warships. One or two player. Very good.

other cars before they smash you. KLONDIKE CARDS

SCUPTURE

ELL MCPHERSON ^ 4124 STARWARS

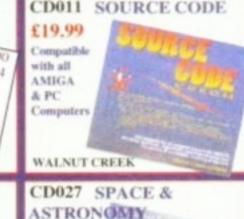
Tick if you have



NEW OVERSEAS CDROM DEALERS USA - Northwest PD (206) 351-9502 FRANCE - Pheonix Computers (335) 9829500 GERMANY - Media Team (0 21 71 / 4 72 03)

Computers



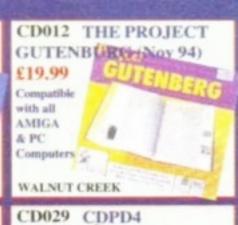


£19.99

with all

AMIGA

& PC



£19.99

Compatible

with all

AMIGA



£19,99

with all

AMIGA

Compatible

Computers

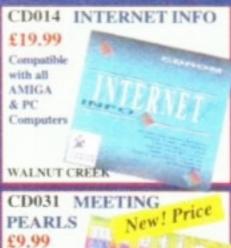
Subscription

or Preorders

Compatible

with *CD32.

£16,99 on



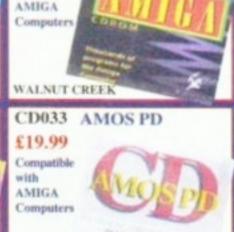
Compatible

Computers

SCHATZTRUHE

with all

AMIGA

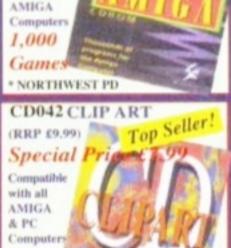


WIERD SCIENCE



areware, and Publi

Domain software



Compatible

with all



CD056 HOME BEER









CD048 EAST ASIAN









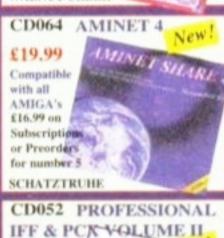




Canada.



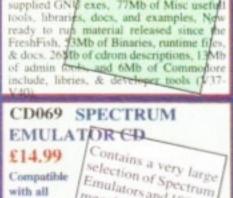










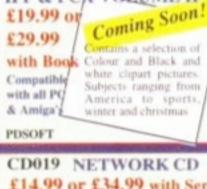




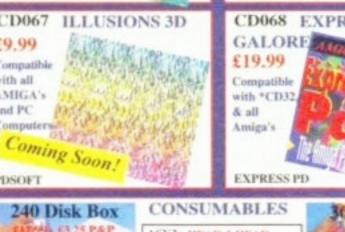
Compatible

with *CD32,

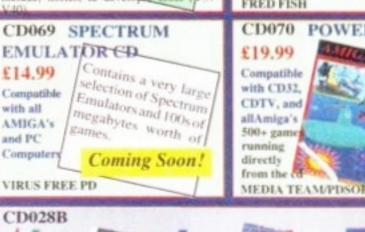
























VISA

Tel (01702) 466933 Fax 617123

PDSOFT - 1 Bryant Avenue, Southend-on-Sea, ESSEX, SS1 2YD. UK





RAY TRACING VOL1/2 Contains objects, backtextures in IFF and Targa formats. LIGHT grounds and textures for ROM is an invaluable resource for use with Image, Maxon Lightware users, and as a bonus material for Sulpt 3D and Imagine users.



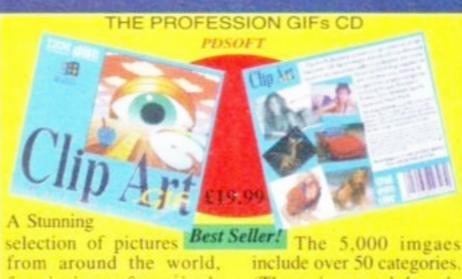
FRED FISH



and DXF.3dObjects and

24 bit textures galore.

featuring images from animals to cars and almost everything in between. All images are in the GIF format, and most in full color.



(There is no adult-only material). We have included viewer's for MSDOS Windows, MAC, and Amiga based machines.



A professioal selection of black and white PCX and IFF clipart. Sujects from cartoon animals to space craft's. These's images are perfect for any publishing program or Paint package. These's hundreds of different subjects and viewers for Amiga, MSDOS, Windows and MAC.

Trade Prices available

Ameagre Prices for Amiga Users



Games	
1869 (1MB) A-TRAIN CLASSIC + CONST. SET (1MB)	23.95 13.45
ADDAMS FAMILY	8.75
AIR BUCKS V1.2 (1MB) AIR SUPPLY	12.95 3.95
AKIRA ALIEN 3 (TMB)	22.60
ALIEN BREED - SPECIAL EDITION (1MB) ALIEN BREED 2 (1MB)	9.60 9.95
ALIEN BREED 2 - TOWER ASSAULT (1MB) ALL TERRAIN RACING (1MB)	16.85 20.95
ALLO ALLO	4.99
AMBERMOON (TMB) AMOS PROFESSIONAL (TMB)	27.95 39.95
ANNIHILATOR APIDYA (1MB)	19.95 9.60
APOCALYPSE ARCADE POOL (1MB)	20.95 8.75
ARMOUR GEDDON 2 ARSENAL - THE COMPUTER GAME	20.95 20.95
ASSASSIN SPECIAL EDITION (1MB)	9.60
AWARD WINNERS 2 (COMP) B-17 FLYING FORTRESS (1MB)	23.95 27.95
BATMAN - THE MOVIE BATMAN RETURNS	6.96 12.95
BENEATH A STEEL SKY BIRDS OF PREY (1MB)	27.95 12.95
BLACK CRYPT BLASTAR (1MB)	10.95
BLOB (1MB)	20.95
BODY BLOWS (1MB) BODY BLOWS GALACTIC (1MB)	9.95
BREACH III (1MB) BUBBA 'N' STIX	27.95 20.95
BUBBLE & SQUEAK (1MB) BUBBLE DIZZY	20.95 6.96
BUBBLE GUN	19.95
BULLYS SPORTING DARTS (1MB) BUMP 'N' BURN	8.75 23.95
BUMPER QUAD PACK BURNING RUBBER (1MB)	4.99 12.95
BURNTIME CADAVER + THE PAYOFF	20.95
CAESAR DELUXE (1MB)	12.95
CAMPAIGN CAMPAIGN 2 (1MB)	13.95 27.95
CAMPAIGN MISSION DISKS CANNON FODDER	7.95 23.95
CARDIAXX CENTURION	8.75 9.60
CHAMPIONSHIP MANAGER '94 SEASON DISK	8.75
CHAMPIONSHIP MANAGER COMPENDIUM (1MB) CHAMPIONSHIP MANAGER END OF SEASON DATA	22.60 13.45
CHAMPIONSHIP MANAGER ITALIA (1MB) CHUCK ROCK 2 - SON OF CHUCK (1MB)	20.95 20.95
CIVILIZATION (1MB) CLASSIC ARCADIA/BABY ARCADIA	27.95 8.75
CLASSIC BOARD GAMES	8.75
CLUB FOOTBALL - THE MANAGER	10.95 23.95
COMPLETE CHESS SYSTEM 15K COMPLETE CHESS SYSTEM 35K	23.95 27.95
CONTRAPTIONS COOL WORLD	12.95 4.99
CORPORATION	8.75
COUNT DUCKULA COUNT DUCKULA 2	6.96 6.96
CRASH DUMMIES CREEPERS	16.85 20.95
CRIME CITY CRUISE FOR A CORPSE	6.96 12.95
CRYSTAL KINGDOM DIZZY CURSE OF ENCHANTIA	8.75 12.95
CYBERSPACE (1MB) D-DAY: BEGINNING OF THE END (IMP)	27.95 27.95
D-GENERATION (1MB)	14.45
DALEK ATTACK DANGEROUS STREETS	8.75 12.95
DARKMERE (1MB) DAWN PATROL	23.95 31.95
DEMOMANIAC DENNIS & GNASHER	20.95 19.95
DESERT STRIKE DETROIT	23.95
DINOSAUR DET. AGENCY	27.95 14.45
DISCOVERY DIZZY PANIC	6.96 6.96
DOG FIGHT (1MB) DRAGON STONE	14.45 23.95
DREADNOUGHTS - BISMARCK	30.95
DREADNOUGHTS - IRONCLADS	14.95
DREAMWEB (1MB) DUNE	27.95 12.95
DUNE II (1MB) EARL WEAVER BASEBALL	24.95 8.75
ELFMANIA (1MB) ELITE II - FRONTIER	20.95
EMPIRE SOCCER 94	20.95
EPIC (1MB) EUROPEAN CHAMPIONS	12.95 13.95
EVASIVE ACTION - DUEL FOR THE SKY EXILE (1MB)	23.95 23.95
EYE OF THE BEHOLDER II F-15 STRIKE EAGLE II	14.45 14.45
F-16 COMBAT PILOT (NOT1200)	8.75
F1 (DOMARK) F117A STEALTH FIGHTER (1MB)	20.95 14.45
F17 CHALLENGE (1MB) FATAL STROKES	10.95 23.95
FIELDS OF GLORY (1MB) FINAL FIGHT	27.95 8.75
FIRE HAWK FIRST DIVISION MANAGER (NOT600)	9.99 6.96
FLY HARDER	8.75
FORMULA 1 GRAND PRIX (1MB)	20.95 14.45
FORT APACHE G2	6.96 20.95
GAUNTLET II GOAL (1MB)	6.96 16.85
GOAL - WORLD CUP EDITION (1MB)	10.95
GOBLIINS 2 (1MB) GRAHAM GOOCH - TEST MATCH SPECIAL (1MB)	23.95 23.95
GRAHAM GOOCH CRICKET - 2ND INNINGS GRAHAM TAYLOR'S SOCCER (1MB)	4.99 8.75
GRAND PRIX CIRCUIT	8.75 23.95
GUNSHIP	10.95
GUNSHIP 2000 (1MB) HAND OF ST JAMES	14.45 6.96
HANNA BARBARA'S ANIMATION WORKSHOP HANNIBAL	35.99 23.95
HARD DRIVIN' 2 HARPOON - EDITOR	8.75 16.85
HARPOON V.121 (1MB) HARRIER ASSAULT (1MB)	12.95 27.95
The second second second second	40.00

HARRIER JUMPJET (1MB)

HEART OF CHINA	14.45
HEIMDALL 2 (1MB NOT1200)	27.95
HEROQUEST 2 - LEGACY OF SORASIL	8.75 20.95
HILL STREET BLUES HOYLES BOOK OF GAMES - VOL 1	8.75
HOYLES BOOK OF GAMES - VOL 2	10.95
HUCKLEBERRY HOUND IMPOSSIBLE MISSION 2025 (1MB)	4.99
INDIANAPOLIS 500	10.95
INNOCENT UNTIL CAUGHT INTELLIGENT STRATEGY GAMES 5	30.70 10.95
INTERNATIONAL 5 A SIDE INTERNATIONAL GOLF	6.96
INTERNATIONAL MANAGER	20.95
INTERWORD 2 ISHAR - LEGEND OF THE FORTRESS (1MB)	39.95 8.75
ISHAR 2 (1MB)	23.95
ISHAR 3 (1MB) JACK NICKLAUS UNLIMITED GOLF	26.70 14.45
JACK THE RIPPER (1MB)	35.99
JAGUAR XJ220 (1MB) JAMES POND (NOT1200)	8.75 6.96
JET STRIKE (1MB) JIMMY WHITE'S WHIRLWIND SNOOKER	20.95 12.95
JOHN MADDEN'S FOOTBALL	10.95
JUNGLE STRIKE JURASSIC PARK (1MB)	20.95
K240 - UTOPIA 2	23.95
KGB (1MB) KICK OFF III	12.95
KID CHAOS (1MB)	20.95
KID PIX. (NOT1200) KINGDOMS OF GERMANY	20.95 23.95
KINGPIN (1MB) KINGS QUEST 6	8.75 27.95
KNIGHTS OF THE SKY (1MB)	14.45
LASER SQUAD LEGENDS	8.75
LEMMINGS (ORIGINAL)	12.95
LIBERATION - CAPTIVE 2 (1.3MB) LINKS	23.95
LOMBARD RAC RALLY	6.96
LOOM LORDS OF THE REALM	12.95
LURE OF THE TEMPTRESS	12.95
MAELSTROM MAGICIANS CASTLE	27.95 23.95
MAGICLAND DIZZY MANCHESTER UNITED - PREMIER LEAGUE	6.96
MANCHESTER UNITED DATA DISK	23.95 8.75
MARIO IS MISSING (1MB) MAVIS BEACON TEACHES TYPING V.2 (1MB)	23.95 23.95
MICKEY'S JIGSAW PUZZLES	16.85
MICRO MACHINES MICROPROSE SOCCER	20.95
MIG 29M SUPER FULCRUM	12.95
MONOPOLY MORPH (1MB NOT1200)	22.60 9.95
MORTAL KOMBAT (1MB)	23.95
MR BLOBBY MR NUTZ	16.85 12.95
MUTANT LEAGUE HOCKEY NASCAR CHALLENGE	20.95 12.95
NICK FALDOS CHAMPIONSHIP GOLF (1MB)	12.95
NIPPON SAFES INC NODDY'S BIG ADVENTURE	13.95
ON THE BALL - LEAGUE	23.95
ON THE BALL - WORLD CUP OUTLANDER	23.95
OVERDRIVE (1MB) OVERLOAD (1MB)	9.99 27.95
OVERLORD (1MB)	27.95
PALADIN II (1MB) PANZA KICK BOXING	6.96 8.75
PEN PAL	38.95
PGA EUROPEAN TOUR PGA TOUR GOLF PLUS (1MB)	20.95 12.95
PINBALL DREAMS/PINBALL FANTASIES	27.95
PINBALL MAGIC PINKIE	8.75 20.95
PIRATES PIXIE & DIXIE	11.75
PLAYDAYS	19.95
POLICE QUEST 1 POLICE QUEST 3 (1MB)	14.45
POPEYE 2	6.96
POPULOUS II (1MB)	10.95
POPULOUS/PROMISED LANDS	11.75
POSTMAN PAT 3 POSTMAN PAT PAINT PACKAGE	6.96 10.95
POWER DRIVE	23.95
PREMIER MANAGER 2 PREMIER MANAGER 3 (1MB)	20.95 20.95
PRIME MOVER PRINCE OF PERSIA	9.95 6.96
PRINCE OF THE YOLKFOLK	6.96
PRO TENNIS TOUR 1 (NOT+) PROJECT X (1MB)	6.96 10.95
PUGGSY	23.95
QWAK (1MB) RAILROAD TYCOON (1MB NOT600)	10.95 14.45
RAINBOW ISLANDS REACH FOR THE SKIES (1MB)	6.96 12.95
REALMS	10.95
REUNION ROAD RASH	27.95 10.95
ROBINSON'S REQUIEM	26,70
ROBOCOP III ROOKIES (1MB)	10.95
RORKE'S DRIFT	6.96
RUFF 'N' TUMBLE RUGBY LEAGUE COACH	19.95 23.95
S.U.B.	23.95
SCRABBLE SENSIBLE SOCCER 92/93	22.60 8.75
SENSIBLE SOCCER INT'L EDITION SETTLERS (1MB)	16.85
SHUTTLE	27.95 12.95
SIERRA SOCCER (1MB) SILENT SERVICE II	19.95 14.45
SIM CITY DELUXE	23.95

SKIDMARKS (1MB)

27.95

SIM CITY/POPULOUS

SIM EARTH CLASSIC (1MB)

MON-FRI SATURDAY

DEC 22ND DEC 23RD-27TH

DEC 28TH-30TH DEC 31ST

JAN 1ST-2ND

SUNDAY

-		
		_
14.45	SKITCHIN	20.95
27.95	SLICKS	16.85
8.75	SNAPPERAZZI	14.95
20.95 8.75	SOCCER KID SOCCER TEAM MANAGER	13.95
10.95	SOOTY & SWEEP (NOT1200)	10.95 6.96
10.95	SOOTY'S FUN WITH NUMBERS	16.85
4.99	SOUP TREK	23.95
23.95	SPACE HULK	27.95
10.95	SPACE LEGENDS (1MB)	23.95
30.70	SPACE QUEST 3	14.45
10.95	SPACE QUEST 4	14.45
6.96	SPEEDBALL 2	8.75
6.96	STAR LORD (1MB)	27.95
20.95	STARDUST (1MB)	14.45
39.95	STARDUST SPECIAL EDITION (1MB)	10.95
8.75	STREET FIGHTER 2 (1MB)	12.95
23.95	STRIKER	8.75
26.70	SUB WAR 2050 (1MB)	27.95
14.45	SUBURBAN COMMANDO	9.90
35.99 8.75	SUPER LEAGUE MANAGER (1MB) SUPERCARS II (NOT1200)	23.95
6.96	SUPERHERO (1MB)	8.75 23.95
20.95	SUPREMACY	10.95
12.95	SWIV	8.75
10.95	SYNDICATE (1MB)	27.95
20.95	TACTICAL MANAGER - ENGLISH	20.95
13.95	TACTICAL MANAGER - ITALIAN	20.95
23.95	TACTICAL MANAGER - SCOTTISH	20.95
12.95	TENNIS CUP 2	8.75
19.95	TERMINATOR 2 - COIN OP	23.95
20.95	TEST DRIVE II	6.96
20.95	TEST MATCH CRICKET	19.95
23.95	THE CLUE	23.95
8.75 27.95	THEME PARK (1MB) THOMAS FUN WITH WORDS (NOT1200)	27.95
14.45	THOMAS PAINT PACKAGE	16.85 10.95
8.75	THOMAS THE TANK ENGINE	6.96
23.95	THOMAS THE TANK ENGINE COLLECTION	14.45
12.95	THOMAS'S BIG RACE	10.95
23.95	THUNDERHAWK	8.75
14.45	TORNADO	27.95
6.96	TORVAK THE WARRIOR	8.75
12.95	TOTAL CARNAGE	9.95
27.95	TOYOTA CELICA	6.96
12.95	TRACKSUIT MANAGER	6.96
27.95	TRACKSUIT MANAGER '94	19.95
23.95 6.96	TRANSARCTICA TRAPS 'N' TREASURES	8.75
23.95	TRIVIAL PURSUIT	20.95 6.96
8.75	TURBO TRAX (1MB)	20.95
23.95	TURRICAN	6.96
23.95	TURRICAN III	20.95
16.85	TWILIGHT 2000	27.95
20.95	ULTIMATE PINBALL QUEST	23.95
4.50	UNIVERSE (1MB)	27.95
12.95	UTOPIA (NOT1290)	8.75
22.60	VALHALLA (1MB)	23.95
9.95	WARZONE	8.75
23.95	WEMBLEY RUGBY LEAGUE	20.95
16.85	WILD CUP SOCCER	20.95
12.95	WING COMMANDER I (1MB) WINTER CAMP	12.95
12.95	MINITER CAMP	3.95
12.95		
13.95		
19.95		_

NO CREDIT CARD SURCHARGES

WE WILL NOT CHARGE YOUR CREDIT CARD UNTIL THE GOODS HAVE BEEN DESPATCHED

Budget Games

NEW FROM KIXX £4.99 each

Amiga & PC versions of each game are both supplied on the same disk!

ACTION FIGHTER BIONIC COMMANDO BLASTEROIDS CARRIER COMMAND E-MOTION INDIANA JONES & THE LAST CRUSADE (ACT) INTERNATIONAL SOCCER CHALLENGE MICROPROSE SOCCER (NOT 1200) OUTRUN (NOT 1200) **RICK DANGEROUS RICK DANGEROUS 2** STREET FIGHTER STUNT CAR RACER WORLD CLASS LEADERBOARD

3D POOL

DataGEM

has supplied computer hardware and software to tens of thousands of satisfied customers since 1987

Amiga Atari PC Sega

SECOND SAMURAI

SIM CITY 2000

SEEK AND DESTROY

SENSIBLE SOCCER INT'L EDITION

23.95

11.75

8.75

HOLIDAY PERIOD HOURS OF BUSINESS

MAILORDER

10AM-10PM 10AM-8PM

10AM-8PM

10AM-6PM CLOSED

10AM-6PM

10AM-4PM

Trust us to have all you need

SHOP

10PM-8PM 10AM-4PM

10AM-6PM

10AM-6PM

10AM-4PM

CLOSED

CLOSED

1200 & CD32

7 GATES OF JAMBALA

ALIEN BREED - SPECIAL EDITION/QWAK

ALFRED CHICKEN

		19.95
ALIEN BREED 2	9.95	
ALIEN BREED 2 - TOWER ASSAULT		23.95
ALL TERRAIN RACING ALL TIME GREATS		23.95
ARCADE POOL		12.96
BANSHEE	23.95	23.95
BATTLE CHESS		23.96
BATTLE TOADS		19.95
BEAVERS		20.95
BENEATH A STEEL SKY		23.95
BODY BLOWS	12.95	
BODY BLOWS GALACTIC	9.95	
BRIAN THE LION	20.96	
BRUTAL SPORTS FOOTBALL	16.85	23.95
BUBBA 'N' STIX		23.96
BUBBLE & SQUEAK	23.95	23.95
BUMP 'N' BURN	23.95	
BURNING RUBBER	9.95	
BURNTIME CAESAR/COHORT 2	20.95	20.04
CALIFICAL PARAGET		20.96
CASTLES 2		23.95
CD EXCHANGE VOL 1		16.85
CHAMBERS OF SHAOLIN		12.95
CHAOS ENGINE	20.95	
CHUCK ROCK		12.95
CHUCK ROCK 2 - SON OF CHUCK		23.95
CIVILIZATION	31.95	
CLOCKWISER	13.45	
D-GENERATION	16.85	20.95
DANGEROUS STREETS	12.95	23.95
DARK SEED		23.95
DEEP CORE		4.99
DELUXE PAINT IV AGA	79.95	Day.
DENNIS	9.95	20.95
DETROIT	27.95	
DIGGERS	27.95	_
DISPOSABLE HERO		23.95
DIZZY : THE BIG SIX		12.95
DIZZY'S ENCHANTED WORLDS		12.95
DONK		23.96
DRAGON STONE		23.95
DREAMWEB ELITE II - FRONTIER		27.95 23.95
EMERALD MINES		
EXILE MINES	23.95	13.95
EXTRACTORS	23.90	23.95 23.95
FATMAN	9.95	20.90
FIELDS OF GLORY	27.95	27.95
FIRE AND ICE	27,00	16.96
FIRE FORCE		23.95
FURY OF THE FURRIES		23.95
GLOBAL EFFECT		23,95
GUARDIAN		23.95
GUNSHIP 2000	27.95	
HEIMDALL 2	27.95	
HEREWITH THE CLUES		23.95
HUMANS 1 & 2		24.95
IK+		12.95
IMPOSSIBLE MISSION 2025	27.95	23.95
	20.00	
ISHAR 2	23.95	
ISHAR 3	26.70	
ISHAR 3 JAMES POND 3 : OPERATION STARFISH	26.70 23.95	
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE	26.70 23.95 23.95	20.95
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE	26.70 23.95 23.95 22.60	
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK	26.70 23.95 23.95 22.80 22.60	20.95 22.60
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS	26.70 23.95 23.95 22.80 22.60	20.95 22.80 26.70 22.60
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.80 4.99
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.60 4.99 20.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL)	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.60 4.99 20.95
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.80 4.99 20.95 20.95 27.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.80 4.99 20.95 20.95 27.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.80 4.99 20.95 20.95 27.95 16.85 23.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS	26.70 23.95 23.95 22.60 22.60 23.95	20.95 22.80 26.70 22.80 4.99 20.95 27.95 16.85 23.95 23.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE	26,70 23,96 23,95 22,60 22,60 23,95 22,60	20.95 22.80 26.70 22.80 4.99 20.95 27.95 16.85 23.95 23.95 23.95 23.95 23.95 23.95
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE	26,70 23,96 23,95 22,60 22,60 23,95 22,60	20.95 22.60 25.70 22.60 4.99 20.95 27.95 16.85 23.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS	26,70 23,96 23,95 22,60 22,60 23,95 22,60	20.95 22.60 22.60 4.99 20.95 20.95 23.95 23.95 23.95 23.95 23.95 4.99
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE)	26,70 23,96 23,95 22,60 22,60 23,95 22,60	20.95 22.80 22.80 22.80 22.80 20.95 20.95 27.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95 23.95
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURGLE STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM	26.70 23.95 23.95 22.60 23.95 22.60 23.95 22.60	20.95 22.60 22.60 4.99 20.95 20.95 23.95 23.95 23.95 23.95 23.95 4.99
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX	26.70 23.95 23.95 22.60 23.95 22.60 23.95 22.60	20.95 22.60 26.70 22.60 4.99 20.95 20.95 23.95 23.95 23.95 23.95 23.95 23.95 34.99
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURGLE STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH	26.70 23.95 23.95 22.60 23.95 22.60 23.95 22.60	20.96 22.80 26.70 22.60 4.99 20.95 20.95 23.95 23.95 23.95 23.95 4.99 27.95 34.99 27.95
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY	23.95 23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60	20.95 22.60 26.70 22.60 4.99 20.95 20.95 23.95 23.95 23.95 23.95 23.95 23.95 34.99
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL	23.95 23.95 22.60 23.95 22.60 23.95 22.60 23.96 22.60 20.96	20.96 22.80 26.70 22.60 4.99 20.95 20.95 23.95 23.95 23.95 23.95 4.99 27.95 34.99 27.95
ISHAR 3 JAMES POND 3 : OPERATION STARFISH JET STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY	23.95 23.95 22.60 23.95 22.60 23.95 22.60 23.96 22.60 20.96	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 34.99 27.95 34.99 23.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES	23.95 23.95 22.60 23.95 22.60 23.95 22.60 23.96 22.60 20.96	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 34.99 27.95 34.99 23.95 20.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF	23.95 23.95 22.60 22.60 23.95 22.60 23.95 22.60 20.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 34.99 23.95 27.95 34.99 23.95 27.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTTANT LEAGUE FOOTBALL MUTTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP	23.95 23.95 22.60 22.60 23.95 22.60 23.95 22.60 20.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 34.99 27.95 34.99 27.95 23.96 23.96 23.96 27.95 23.96
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE	23.95 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 34.99 23.95 27.95 34.99 23.95 27.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE	23.95 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 22.60 20.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 34.99 27.95 34.99 27.95 23.96 23.96 23.96 27.95 23.96
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 34.99 27.95 34.99 27.95 23.96 23.96 23.96 27.95 23.96
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 26.70 20.95	20.95 22.60 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 34.99 27.95 34.99 27.95 23.96 23.96 23.96 27.95 23.96
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE TOOTBALL MUTANT LEAGUE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 16.85 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 26.70 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 16.85 23.95 2
JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL OVERKILL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL/LUNAR-C PGA EUROPEAN TOUR	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 23.95 2
JAMES POND 3 : OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.80 4.99 20.95 23.95 23.95 23.95 23.95 23.95 27.95 34.99 27.95 23.95 16.85 20.95 27.95 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.80 4.99 20.95 23.95 23.95 23.95 23.95 23.95 27.95 34.99 27.95 34.99 27.95 34.99 27.95 34.99 23.95 16.85 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE PIRATES GOLD PLANET FOOTBALL	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.80 4.99 20.95 23.95 23.95 23.95 23.95 23.95 27.95 34.99 27.95 34.99 27.95 23.95 16.85 20.95 27.95 23.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JURGLE STRIKE JURGLE STRIKE JURGSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE PRATES GOLD PLANET FOOTBALL POWER DRIVE	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 20.95 20.95 23.95 23.95 23.95 23.95 23.95 23.95 27.95 23.95 27.95 23.95 27.95 23.95 27.95 23.95 27.95 23.95 27.95 23.95 27.95
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE PIRATES GOLD PLANET FOOTBALL POWER DRIVE PREMIERE PROJECT X/F17 CHALLENGE PUTTY SQUAD	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.80 4.99 20.95 23.95 23.95 23.95 23.95 23.95 27.95 34.99 27.95 34.99 27.95 23.95 16.85 20.95 27.95 21.95 2
ISHAR 3 JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE PIRATES GOLD PLANET FOOTBALL POWER DRIVE PREMIERE PROJECT X/F17 CHALLENGE	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 22.60 20.95 20.95 22.60 20.95 20.95 20.95 20.95	20.96 22.80 22.80 20.96 20.96 23.96
JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE PIRATES GOLD PLANET FOOTBALL POWER DRIVE PREMIERE PROJECT X/F17 CHALLENGE PUTTY SQUAD REUNION ROBINSON'S REQUIEM	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 23.96 27.95 23.96 27.95 23.96 2
JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL OVERKILL OVERKILL OVERKILL POWER DRIVE PREMIERE PROJECT X/F17 CHALLENGE PUTTY SQUAD REUNION ROBINSON'S REQUIEM ROBOCOD	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 22.60 20.95 20.95 22.60 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 23.96 27.95 23.96 27.95 23.96 2
JAMES POND 3: OPERATION STARFISH JET STRIKE JUNGLE STRIKE JURASSIC PARK KICK OFF III KID CHAOS LABYRINTH OF TIME LAMBORGHINI AMERICAN CHALLENGE LEMMINGS (ORIGINAL) LIBERATION - CAPTIVE 2 LIONHEART LITIL DIVIL LOST VIKINGS LOTUS TURBO TRILOGY LOVERS GUIDE MANCHESTER UNITED - PREMIER LEAGUE MARVIN'S MARVELLOUS ADVENTURE MEAN ARENAS MICRO FRENCH (BEGINNERS-GCSE) MICROCOSM MIGHTY MAX MORPH MR BLOBBY MUTANT LEAGUE FOOTBALL MUTANT LEAGUE HOCKEY NAUGHTY ONES NICK FALDOS CHAMPIONSHIP GOLF NIGEL MANSELL'S WORLD CHAMPIONSHIP NO SECOND PRIZE ON THE BALL - LEAGUE ON THE BALL - WORLD CUP OSCAR OUT TO LUNCH OVERKILL/LUNAR-C PGA EUROPEAN TOUR PINBALL FANTASIES PINKIE PIRATES GOLD PLANET FOOTBALL POWER DRIVE PREMIERE PROJECT X/F17 CHALLENGE PUTTY SQUAD REUNION ROBINSON'S REQUIEM	23.95 22.60 23.95 22.60 23.95 22.60 23.95 22.60 20.95 22.60 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95 20.95	20.95 22.80 26.70 22.60 4.99 20.95 27.95 16.85 23.96 23.96 23.96 23.96 27.95 23.96 27.95 23.96 27.95 23.96 2

SIMON THE SORCERER	31.95	31.95
SKIDMARKS		20.95
SKITCHIN	22.60	
SLEEPWALKER	8.75	4.99
SOCCER KID	23.95	23.95
SOCCER TEAM MANAGER		12.95
STAR TREK (25TH ANIV.)	27.95	
STRIKER		19.95
STRIP POT	20.95	
SUPER FROG		12.95
SUPER LEAGUE MANAGER	23.95	25.95
SUPER PUTTY		12.95
SUPER STARDUST	23.95	23.95
SURF NINJAS		16.85
TFX	31.95	31.95
THE CLUE	23.95	-
THEME PARK	27.95	
THOMAS THE TANK ENGINE COLLECTION		16.85
TOP GEAR 2	20.95	1000
TORNADO	27,95	
TOTAL CARNAGE	9.95	21.95
TOWN WITH NO NAME		12.95
TRIVIAL PURSUIT		23.95
TROLLS	8.75	23.95
TWILIGHT 2000	27.95	
UFO - ENEMY UNKNOWN	27.95	23.95
ULTIMATE BODY BLOWS		23.95
UNIVERSE		27.95
URIDIUM 2		19.95
VIDEO CREATOR		32.95
WEMBLEY INT. SOCCER	20.95	23.95
WHALES VOYAGE		23.95
WILD CUP SOCCER		23.95
200L	20.95	17.95
Z00L 2	20.95	19.95
		-

Educationa	31
ADI ENGLISH (11-12 or 12-13)	20.95
ADI ENGLISH (13-14 or 14-15)	20.95
ADI FRENCH (11-12 or 12-13)	20.95
ADI FRENCH (13-14 or 14-15)	20.95
ADI GCSE ENGLISH (1MB)	27.95
ADI GCSE FRENCH (1MB)	27.95
ADI GCSE MATHS (1MB)	27.95
ADI JUNIOR COUNTING (4-5 or 6-7)	16.85
ADI JUNIOR READING (4-5 or 6-7)	16.85
ADI MATHS (11-12 or 12-13)	20.95
ADI MATHS (13-14 or 14-15)	20.95
ANSWER BACK JUNIOR QUIZ (6-11)	13.95
ANSWER BACK SENIOR QUIZ (12-AD)	9.95
BETTER MATHS (12-16)	9.95
CAVE MAZE	4.99
FRACTION GOBLINS	4.99
FRENCH MISTRESS	13.95
FUN SCHOOL 2 (6-8) (NOT1200)	6.96
FUN SCHOOL 2 (OVER 8)	6.96
FUN SCHOOL 2 (UNDER 6)	6.96
FUN SCHOOL 4 (5-7)	19.95
FUN SCHOOL 4 (7-11)	19.95
FUN SCHOOL 4 (UNDER 5'S)	19.95
FUN SCHOOL MATHS (7-11) MERLIN	20.95
FUN SCHOOL SPELLING (7-AD)	20.95
GERMAN MASTER	13.95
ITALIAN TUTOR	13.95
JUNIOR TYPIST (5-10)	8.95
MAGIC MATHS (4-8)	9.95
MATHS ADVENTURE (6-14)	12.95
MATHS MANIA (8-12)	9.95
MEGA MATHS (A LEVEL)	21.50
MICRO ENGLISH (B-GGSE)	21.50
MICRO FRENCH (BEGINNERS-GCSE)	21.50
MICRO GERMAN (BEGINNERS-GCSE)	21.50
MICRO MATHS (11-GCSE)	21.50
MICRO SCIENCE (8-GCSE) (1MB)	21.50
MICRO SPANISH	21.50
PAINT AND CREATE (OVER 5'S)	20.95
PICTURE FRACTIONS	4.99
PRIMARY MATHS COURSE (3-12)	21.50
READING WRITING COURSE (3-8)	21.50
REASONING WITH TROOKS	4.99
ROBIN HOOD (LEISURELAND)	9.96
SCROOGE (A CHRISTMAS CAROL)	9.95
SPANISH TUTOR	13.95
THE THREE BEARS (5-10)	9.95
TIDY THE HOUSE	4.99
TIME FLIES	4.99
WIND IN THE WILLOWS	9.95



ty	DSDD	DSHD
10	4.95	7.80
20	9.85	15.35
25	11.95	18.25
30	14.25	21.80
35	16.65	25.20
40	18.55	28.60
45	18.65	32.10
50	18.75	34.40
80	29.95	52.30
100	33.99	61.90
120	40.75	72.40
150	48.95	90.25
200	64.95	115.75
250	80.95	143.30
300	96.95	170.75
400	128.99	221.70
500	148.95	269.65

ALL OUR DISKS COME WITH LABELS

Workstations 37.95

Disk Boxes

	OIL DO	VOO
10	/Silmpack-	0.94
40 _	11 1 1 1 1 1	4.95
50	NAME OF THE PARTY	5.60
80	and the same of	6.30
80	Sinckable	12.95
100	40-12	6.80
110	Stackable	13.95
120		8.75

£2 off if you buy 50 or more disks (excludes Slimpack)

Dust Covers

AMIGA 500 or 500+	3.6
AMIGA 600	3.60
AMIGA 1200	3.90
CD32	3.90
STAR LC10 SERIES PRINTER	7.80
STAR LC24 SERIES PRINTER	6.9
MONITOR	6.9

Joysticks

	_
IGA ANALOGUE ADAPTOR	5.95
se any PC analogue joystick)	
+ A/F	9.00
MPETITION PRO 5000 - BLACK	13.75
EEWHEEL - ANALOGUE (FW123)	36.00
EEWHEEL - DIGITAL (FW111)	27.00
GIPAD A/F	16.99
VERICK 1 A/F (QS128F)	13.75
VERICK 1M A/F (QS138F)	13.75
GAGRIP II A/F (MX220)	12.50
GASTICK II (MX120)	9.99
VIGATOR A/F	13.75
TO GT A/F (JT152)	14.95
THON 1M A/F (QS137F)	9.75
ICKJOY I TURBO (SV121)	7.95
ICKSHOT I	4.95
ICKSHOT II TURBO A/F (QS111)	7.95
EEDKING A/F	11.00
EEDKING ANALOGUE	13.50
ARFIGHTER 1 PAD A/F (QS200)	7.95
AR PROBE A/F	13.50
E BUG A/F (BLACK or GREEN)	13.50
PSTAR A/F (SV127)	21.50
STICK A/F	13.50

Miscellaneous

23.95 23.95

27.95

18.95

20.95

19.95

mioociiancoas				
4-Player adaptor		6.96		
Head Cleaner (3.5")		3.75		
Mouse		14.75		
Mouse House		2.95		
Mouse Mat		2.95		
A500 Expansion upgrade with clock	0.5Mb	27.95		
A500 Expansion upgrade without clock	0.5Mb	24.95		
A500plus RAM upgrade	1Mb	56.95		
A600 Expansion upgrade with clock	1Mb	51.95		
Parallel port extension cable		6.80		
Parallel printer cable (1.8m)		4.95		
Parallel printer cable (5m)		10.95		
Roboshift (Auto mouse/loustick switch)		14.75		

List of all software & accessories.

*Cheats for hundreds of games

Various public domain games

(Megabyte or more required)

Zi-Fi Stereo Speakers

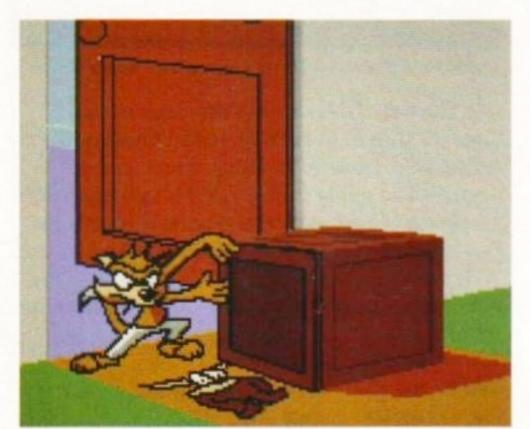
071 608 0624 23 Pitfield St, London N1 6HB Orders against cheques with valid guarantee card numbers will be despatched immediately, otherwise upon cheque clearance.

All prices include UK postage and VAT and are effective until 31st December 1994

orders, postage is charged at cost. New titles will be sent as released and are

Demo Zone has come under fire for a few choice remarks made about the state of the coder's art! **Steve McGill** stands by his words.





CHARLEY CAT: Classic gags merge with classic technical competence to produce a cartoon worth a chuckle...

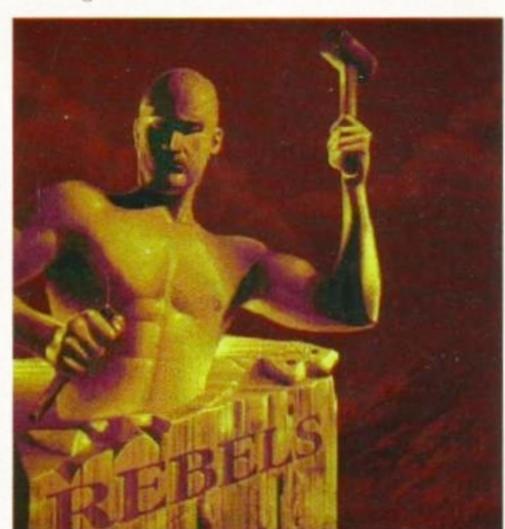
emo Zone picked up a bit of flak from some Net people recently. The points raised against the Zone included criticism that it had unjustly put down demo coders because of the general lack of originality permeating the demo scene.

Apparently, a few feathers have been ruffled.

For that, no apologies will be made. The Zone stands by what was said. But maybe more in the way of an explanation should be forthcoming.

Regarding the lack of originality – too many swirly line vector routines, tunnel routines, texture-mapped cubes and tinkly bonk tunes – the criticism remains the same. Too many demo teams bang these out as if there was no tomorrow and expect people to be impressed.

The defence that other coders are only learning the routines and don't deserve to be



SWITCHBACK: In the demo, this pic is about one and a half screens big and it moves up and down. Hurrah!...

Demo Zone



...Throughout the cartoon, Charley and his friend are chased by this loveable rogue. Aaah...

slagged off for climbing the steep learning curve is legitimate. There's nothing more helpful than looking at other people's work and learning how to do it for yourself. But surely the teams should strive to stamp their own identity on their work so that it stands out from everyone else's – perhaps by being entertaining or humorous.?

Who wants to spend hours and hours coding a routine, only to have it look and sound like any other team's demo? It goes against the grain of individuality and achievement.

That's why the Zone particularly liked Seventh Heaven by Maestro and Dillinger (AF64). It proved that you don't need to be a coder to produce an entertaining demo. Too many coders are intent on elitist one-upmanship. It's a culture of supremacy with an ethos that rivals some of the



...It's only displayed for a few seconds in the demo, but this baby could make it into the AF Gallery any day...



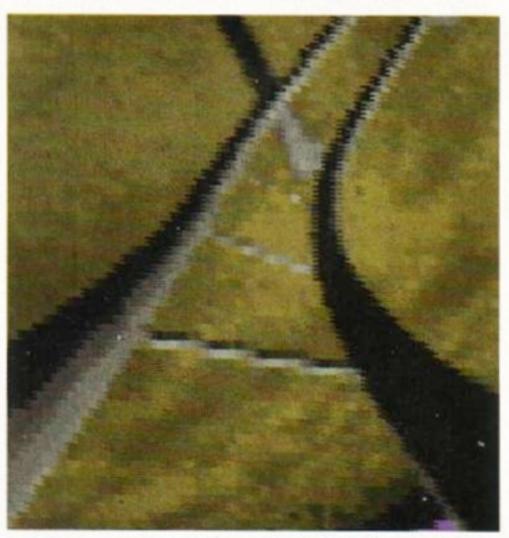
...Many of the gags draw on *Tom And Jerry* for inspiration. *Cat Napping* from 1951 used this one.

more unpleasant supremacist cultures dotted around the country.

Another criticism of the Zone was that it seemed more intent on crediting any demos mentioned in its pages to the PD house supplying the disk. An absolutely valid point and one to be rectified next issue. Instead of sticking the name of a PD house beside the title, we'll list some houses who carry the disks instead.

Without further ado, it's on to this month's offerings from some of the talented teams dotted around the continent.

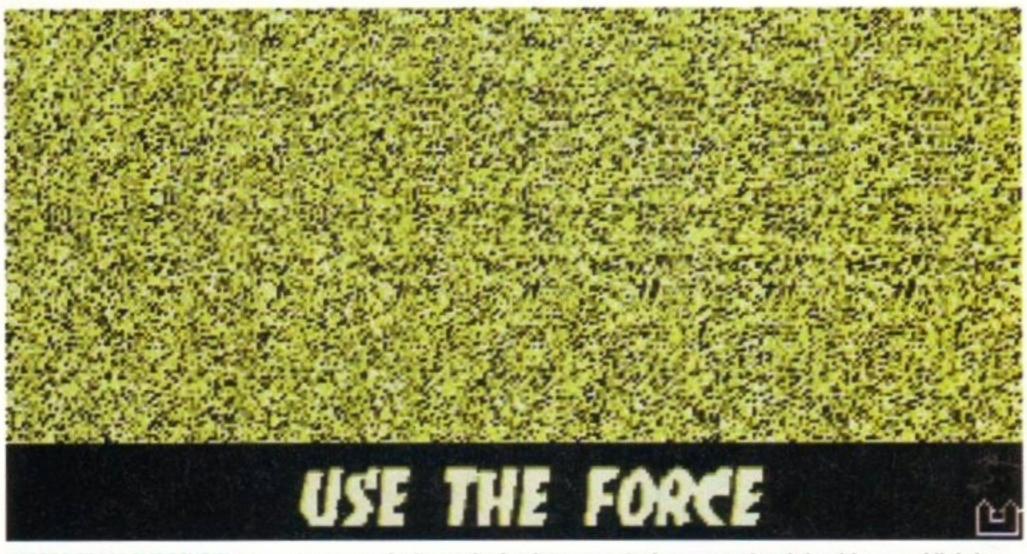
Switchback is the first AGA demo by Rebels (Telescan). It was first released at the Doomsday Party and very tasty in parts it is too. It kicks off conventionally enough with a tunnel sequence, a load of text and some swirly real-time colour rotations. This is followed by a reasonably



...Still shots do this section no justice whatsoever.
You should see it moving.







STEREOGRAM SLIDESHOW: It's easier to see the image in the dots on an Amiga screen than it is with normal lighting.

impressive motion-blurred rotating pentagon and then a whole series of texture-mapped shapes with various motions applied to them. They're sort of relaxing to watch in much the same way that the lava lamps of the 70s were.

Most impressive, and the section that most of the AF team watched more than once, is an animated texture-mapped rollercoaster ride. If you've seen the intro to Bullfrog's Theme Park, you'll recognise the style and this is just as fast and as exciting as the commercial offering. One to stop the crowds and introduce people to the real power residing in an A1200. Recommended, if only for the rollercoaster sequence.

From demos to animations. Jap Cat Japes is the latest in the Charley Cat series of cartoons from Anthony Whitaker (Roberta Smith DTP). At least 2.5Mb is needed to run it and if you have over 4.5Mb the whole animation can be run in one continuous sequence. Anyone interested in trying the same thing themselves should take note of the software used by Anthony – DPaint IV, Moviesetter and Technosound Turbo.

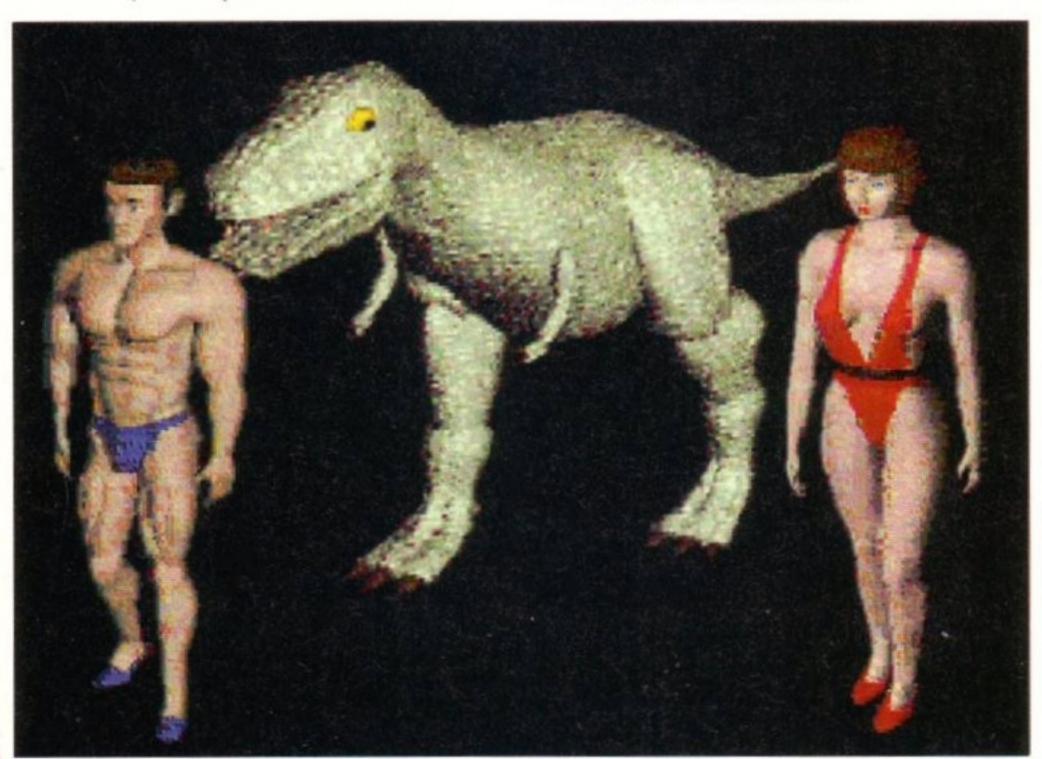
It's the tenth in the Charley Cat series, and this time, Charley meets up with an oriental friend

who's fallen off of the back of a lorry and lands up outside Charley's door. Various adventures befall the hapless duo and you can't help but feel sorry for the dog who tries his utmost to spoil the feline chum's fun.

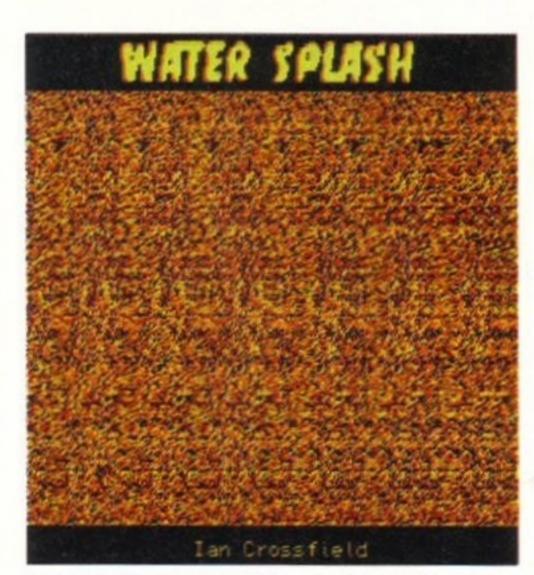
The anim is Shareware and features several professional effects that you find in commercial cartoons such as bounce, stretch, squash, reactions and relevant action sounds. All in all, it's relatively polished and throughout the production it manages to raise a chuckle.

From animations to a slideshow with a difference – *Stereogram Slideshow* (Telescan). Most people admit freely that they can't see anything in stereograms. At first, I was the same. It seemed like a big con to me. But the secret of seeing something lies in the lighting.

The advantage of a computer display is that the lighting is even and generated from the screen itself. It's just as well with this collection. The definition isn't too strong, but they're easy to pick up due to the consistency of illumination. Even more exciting is that one of the stereograms is animated. And it works as well. Recommended if you can see the pics in the first place and doubly recommended for the animation.



The motion on the figures in Graeme Scott's untitled demo, particularly the shoulders and hips is almost believable.



STEREOGRAM SLIDESHOW: It's animated - and it works.

The last of this month's offerings is from Graeme Scott of Banffshire. It's an untitled 3D ray-traced anim featuring a T-Rex, a man and a woman. The subtle motions of the legs, hips and shoulders of each subject is especially impressive. Get in touch with some PD houses Graeme so that your anim can be distributed to a wider audience – it deserves to be studied by those with aspirations toward 3D work. It's inspiring.

We're on the lookout for up-to-date demos. If you're part of a coding team, or an individual with something worth viewing, why not send your demos to us on CIX or the Internet? UU encode the file(s) and send to either amformat@cix.co.uk or amformat@futurenet.co.uk. Prefix anything you send with the following four letters: Demo.

Attach a ReadMe file to let me know what your aiming to do with the demo, how long it took to finish and the equipment and software you used for the final production. Oh, and if you've got any gripes or praise about the Demo Zone, write them down as well. And don't pull any punches.

WHERE TO GET THE DISKS IN THIS ISSUE

ROBERTA SMITH DTP, 190 Falloden Way, Hampstead Garden Suburb, London NW11 6JE. Tel: 0181 455 1626

TELESCAN, PO Box1, Thornton-Cleveleys, Lancs FY5 1SH. Tel: 01253 829292

ONLINE PD, 1 The Cloisters, Halsall Lane, Formby, Liverpool L37 3PX. Tel: 01704 834335

TOP 10 DEMOS

The kind supplier of this month's top 10 demo chart is:

KT'S PD 01702 542434

- 1. Some Justice 94
- 2. Like Death
- 3. Industrial Fudge
- 4. Spasm: I Feel Good
- 5. Quackbusted 2
- 6. Ariel Ultra
- 7. Oxygene: Cuzco
- 8. Complex: Real
- 9. Mini Omestan
- 10. Gevalia

VISA	SALES HOTLINE 081 656 2663 FAX 081 656 2663 SUPER DEALS FOR CHRISTMAS 1994 Sales order line open from 8.30am to 9pm Monday to Sunday inclusive ORWOOD, LONDON SE25 4JT
50	300 £89.99 400 £116.99 500 £145.99 1000 £281.99 GRADE A HIGH DENSITY 3.5" DISKS 10 * 10 CAP BOX \$7.99 50 \$25.99 100 \$47.99 N ALL DISKS & BOXES
Mouse Mat £2.25 Printer Lead 2 Metre £3.99 Amiga to TV Scart Lead £9.99 Joystick Splitter Lead £5.99 1000 3.5" Disk Labels £9.99 10 Cap Easi View Box 99p 100 Cap Lockable Box £4.50 External Disk Drive for Amigas Cumana/Zappo £53.49	IMANA/ZAPPO EXTERNAL
A SAVING OF OVER £20.00 WHEN Hyundai 4000 green series, slimline personal computer system 486 SX33-270	m, compatible with IBM-PC/AT. 86SX33-540£879.99 86 DX2-66 540£1012.99 lia, Space Q14 and F15 Strike Eagle£199.99
ALL PRICES INCLUDE VAT & APPLY TO THE UK MAINLAND ON ERRORS & OMISS WE ACCEPT ACCESS, VISA, MASTERCARD AND EUROCA CHEQUES/POSTAL/BANKERS DRAFTS SHOULD ALL ENOURIES TO "DISCITECH UK" 134 ALBERO	LY, PRICES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE, SIONS EXCEPTED. URD. FOR CONNECT CARDS ADD 35P TO ORDER TOTAL. ULD BE MADE PAYABLE TO "DISCTECH UK". T ROAD, SOUTH NORWOOD, LONDON SE25 4JT me day despatch on credit card, postal orders & bankers drafts.



Cheques payable to LCL. We are always in stock. Free catalogue (◆ = up to last posting date)

LCL (DEPT AMF), THAMES HOUSE, 73 BLANDY ROAD, HENLEY-ON-THAMES, OXON RG9 1QB

Phone 0491 579345 sent within 24hrs ***

It's Here at last...



The intuition extension for AMOS

- Over 120 commands to fully utilise the Amiga's Intuition System
- Compatible with AMOS, AMOS professional and AMOS/AMOS pro compiler.
- Create and use gadgets, windows, screens, menus, etc., as used in Workbench for your own programs.
 Create stylish 3D look user interfaces in minutes.
- At last you can create professional business applications and utilities using AMOS. No need to learn 'C', or switch over to 'Blitz Basic.' AMOS is now a "true" application and utility development language.
- IntOS comes complete with a detailed instruction manual and numerous example programs to get you up and running in no time.
- Give your programs the professional touch with ease...

Intos

SPECIAL XMAS LAUNCH OFFER

£29.95 direct from the publisher.

OTM 2000

Publications & Promotions Ltd.

"To recognise ability is rarer than ability itself"

Minimum Requirements:

Kickstart 2 or greater, 1MB memory, AMOS or AMOS Professional

All trademarks acknowledged.

Design copyright OTM Publications & Promotions Ltd. 1994 Reg. England 2972194

lame	
ddress	
	OFFICE USE ONLY
	C./P.O
Post Code	B
Quantity: Title: INTOS	V
	CI.
Cheque/Postal Order No:	
	P.T
	Des. Date

Please make cheque/postal order payable to: OTM PUBLICATION & PROMOTIONS LTD.

Company Reg. No. 2972194

Enquiries: (0827) 312302

For just £5 you can treat yourself to a back issue of Amiga Format complete with full Coverdisk programs and the best game demos!

ture: Computer animation

Lup of hand scanner

Pipes 2.5. Zappo

Methane Bross extensive round-up

2 James Pond 3, Impossible

Lunch, Armour Geddon, Super

Mission 2025, Valhalla, Out To

of football games.

bley International Soccer.

Postage & packing FREE!

AMIGA CD32 SPECIAL ISSUE Including a brilliant covermounted CD containing demos of 16 CD32 games, reviews of over 40 CD32 games, a look at what the future holds for CD32 games and heaps more...

lists Complete music package OctaMED Pro V5 Worth Datroit Main Feature: The Amiga's role in the the motor mogul game Detroit. Interactive television revolution.

Serious: Zappo Rairrohadire cy a pline and Rairrohadire cy a primary and serious cy a primary cy a Interactive television revolution. graphics card, Microbotics SX-1, Blizzard

graphics card, Micropolics 3X-1, Blizzar
A 1230-II accelerator card, HiSoft Basic Games: Banshee, Kick Off 3, Empire v2. Maxon screen blanker. Soccer, Benefactor, Kings Quest VI,
Burntime,
Burntime,
Burntime,
Burntime, Race preview.

Coverdisks: Complete Gold-rated DTP Page Setter 2 package worth £99 and demo Main Features: DTP, in-game graphics. of Psygnosis' Doom-like G2. Serious: Lightwave 3.5 preview, Warp Engine, Workbench 3.1, round-up of accelerator cards.

Games: Theme Park, Putty Squad, On The Ball, Ishar 3, Universe, Kid Chaos. MAN PLANT RHIGH HEVING - SEE WACK

> SPECIAL **EDITIONS**

NO.5: Q & A - AMIGA ANSWERS

At last! Answers to the most commonly-asked questions concerning the Amiga, all in one place. Programming? Spreadsheets? Word processors? Comms? Everything you need is here. Probably.

NO.6: THE GOOD HARDWARE GUIDE

Essential information on more than 200 products to add to your Amiga: drives, digitisers, printers, RAM expansions, genlocks, monitors, emulators, mice, joysticks and more...

NO.7: GAMES SPECIAL

Containing articles on the very first arcade games, Amiga classics, future games, silly games, joysticks, PD games, all the Gold-rated games, plus interviews with Jeff Minter, Sensible Software, Bullfrog, Binary Asylum, David Braben, Andy Braybrook, Geoff Crammond, Steve Kelly and more...

NO.8: THE AMIGA FORMAT 1994 ANNUAL

Expert analysis of what 1994 had in store for the Amiga plus looks at the best of the previous year's serious software, budget titles, demos, games etc.

NO.9: BEGINNERS' GUIDE

Getting started in Workbench, Shell, DTP, graphics, Comms, business, programming, music, plus introductions to CD, PD, games and more. Also includes a jargon-busting feature - find out what all those acronyms actually mean: BBS, CPS, CLI, DPI, EPS, GUI, IDE, IFF, MNP, DMA, PCMCIA, RTF and more...

NO.1: THE COMPLETE AMIGA SOFTWARE GUIDE

What a tremendous issue! More than 1,000 Amiga programs reviewed and rated including word processors, spreadsheets, databases, video, paint, animation, music, Comms, programming, education, DTP and more than 600 games!

NO.2: THE AMIGA FORMAT 1993 ANNUAL

Features galore on CD, Commodore UK, a look behind the scenes at Amiga Format, the Amiga market in Europe and America, graphics, desktop publishing, music, video, games of the year, programming, emulators, business software and much, much more...

NO.4: THE ENCYCLOPEDIA OF THE AMIGA

Packed with facts and figures, the Encyclopedia contains an extensive A-Z of the world of Amiga plus a comprehensive round-up of every product reviewed in Amiga Format up to issue 44.

1



15

Call our order HOTline on 0225 822511

ISSUE 64: OCTOBER 1994 Coverdisks: Video titling package TV*Text Professional worth £129, Theme Park demo. Main Feature: We show you how to harness the Amiga's remarkable video and graphics power. Serious: Genlock round-up, Lightwave 3.5, Protext 6.5, Tabby, TV*Text Pro v2, book reviews.



ISSUE 65: NOVEMBER 1994 Coverdisks: Pixel 3D Pro image creation program (needs 2Mb, incl 1Mb Fast RAM), Sensible Golf demo. Main Feature: How the AF cover was created. Serious: Image processing round-up, Page Stream 3.0, A-Cut, ProGrab 24RT, Indexer, Pixel 3D Pro v2, The Lightwave Collection, TurboCalc.

Games: FIFA International Soccer, UFO, Guardian, PGA Tour Golf, On The Ball, Club Soccer, Reunion, Robinson's Requiem, Crystal Dragon, special Virgin games preview.



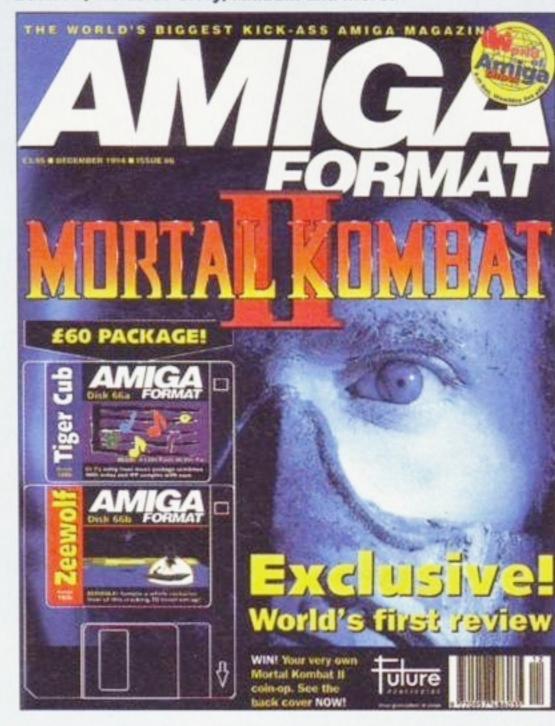
ISSUE 66: DECEMBER 1994

Coverdisks: Tiger Cub entry level music package from Dr T, Zeewolf demo.

Main Feature: The history of RISC.

Serious: Wordworth versus Final Writer, Easy Ledgers 2, 3D special effects products, Video Backup System 3.0, Video Options Card and a CD-ROM roundup.

Games: Mortal Kombat II, Cannon Fodder 2, Tower Assault, Premier Manager 3, Pinball Illusions, Sim City 2000, Overlord, Zeewolf, Fields Of Glory, Aladdin and more!



ISSUE 58: APRIL 1994

Coverdisks: Three Coverdisks! Music-X worth £199, plus structured drawing package ProVector 2.1 worth £100, and demos of Total Carnage and Dozer. Serious Section: Studio 16, Vista Pro Lite, **Art Department Professional 2.5,** ClariSSA, Lightrave, Personal Paint 4. Games: Microcosm, Legacy Of Sorasil, Man United, Perihelion, Champ Man Italia, Hyperion.

ISSUE 57: MARCH 1994

Coverdisks: Ami-Back disk utility worth £30, plus Ami-Back Tools Jr and playable demos of Arcade Pool and Universe. Serious Section: Media Point, VideoStage, QuarterBack 6, VideoMaster AGA, CD software, Games: Beneath A Steel Sky, Bubba 'n' Stix, The Blue And The Grey, Brian The Lion, Batman Returns, Winter Olympics.

ISSUE 56: FEBRUARY 1994

Coverdisks: Complete FractalPro package worth £20, plus demos of Wordworth 3,

Tornado and Toad Serious Section: Playmation, ProText 6, Rainbow 3, TrapFax, Disk Expander. Games: Tornado, Ryder Cup Golf, Star Trek 25th Anniversary, Maelstrom, Simon The Sorcerer, Labyrinth Of Time, Dangerous Streets, Cool Spot, Goblins 3,

ISSUE 55: JANUARY 1994

Campaign 2.

Coverdisks: Full DiskMaster 2 utility worth £50, plus Beneath A Steel Sky demo. Serious Section: Adorage 2, Final Writer, Vidi-24, 24-bit graphics cards, Fargo Primera colour printer, Multiface Card 3. Games: Liberation, Genesia, Skidmarks, Stardust, Mortal Kombat, Holiday Lemmings, F1, Jurassic Park AGA.

ISSUE 54: CHRISTMAS 1993

Coverdisks: Full SuperJAM! music package worth £75 plus exclusive Cannon Soccer hybrid from Sensible. Serious Section: Magic Lantern, Edit Mate, Money Matters 3, One-Stop Music Shop, Montage, Craft, GVP A1230 Turbo+. Games: Frontier, Hired Guns, F117A Nighthawk, Cannon Fodder, The Settlers, Kingmaker, Rules Of Engagement.

OTHER GREAT ISSUES STILL AVAILABLE

ISSUE 51: OCTOBER 1993

Coverdisks: Complete TurboPrint 2 package worth £50, plus playable demos of Skidmarks and Second Samurai. Serious Section: Deluxe Music 2, Mini Gen Professional, VideoPilot, Scenery **Animator 4, TechnoSound Turbo 2.** Games: Castles 2, Backsides, Patrician, One Step Beyond, Blob, Soccer Kid, International Open Golf, Mean Arenas.

ISSUE 50: SEPTEMBER 1993

Coverdisk: Deluxe Music Construction Kit 2 demo, plus Insectoids 2 arcade blast. Serious Section: Blitz Basic 2, AMOS Pro Compiler, Vidi-12 AGA, Proper Grammar, RAM expansions, Golden Image scanner. Games: Dune 2, Yo! Joe!, D-Day, Ishar 2, Sim Life A1200, Hill Street Blues, Entity, Blade Of Destiny, Man Utd Europe.

ISSUE 49: AUGUST 1993

Coverdisk: Stardust demo, Genesis 3D. Serious Section: InterOffice, Trifecta 500 LX, Home Music Kit, SyQuest IDE drive. Games: Goal!, The Lost Vikings, War In The Gulf, Syndicate, A320 Airbus, Gunship 2000, Mig-29, The Immortal, Fulcrum, Space Legends, Prey.

ISSUE 48: JULY 1993

Coverdisk: Syndicate and Adorage demos. Serious Section: GVP Impact Vision 24, **Emplant, typing tutors, Canon bubblejet** printers, Power high density disk drive. Games: Worlds Of Legend, Battle Isle 93, Firehawk, Morph, Championship Manager, Reach For The Skies, Final Fight, Transartica M1 Tank Plat.

ISSUE 46: MAY 1993

Coverdisk: Charlie Chimp, Fraction Goblins, Atoms demos, Check V4 utility . Serious Section: Pro Page 4, Kid Pix, Bars & Pipes Pro 2, Real 3D 2, Vista Pro 3, Type Smith, DOS Lab.

Games: Lemmings 2, 1869, B-17 Flying, Fortress, Scrabble, Knightmare, Desert Strike, Storm Master, Walker, Legend.

ISSUE 45: APRIL 1993

Coverdisk: Dong! game demo, image processing and multimedia demo. Serious Section: Video Backup, CanDo 2, Musicolor, Directory Opus 4, GVP's Image FX, A1200 accelerators, Alfa Power HD. Games: A-Train, Bard's Tale Const. Set, Hero Quest, Flashback, Lionheart, The Chaos Engine, Legend Of Ragnarok.

AMICA	FORMAT	RACK	ISSUES
APPENDING THE RESIDENCE OF THE PERSON NAMED IN		Married Control of the last of the	

Please send me	the following back issues of Amiga Format (AF), The Specials
(SP) and Amiga	CD32 (CD) at £5 each. Please insert issue number in box.

AF SP CD

Name	 	
Address		

Metho	d of	paym	ent:

	☐ Cheque ☐ Postal order ☐
	Total amount payable: £
Credit card no.	

avable	to.	Eutura	Publishing	ı

Please make cheques payable to: Future Publishing Ltd.

SEND THIS FORM TO: AMIGA FORMAT BACK ISSUES, FREEPOST, Cary Court, . Somerton, Somerset TA11 7BR.

AF MAG 1/95

Postcode	Tick here if you don't want to receive special offers from other specially-selected of	ompa
----------	--	------



Imagine More.
Pixel 3•D.



1526 122nd Street, Burnsville, Minnesota 55337 USA Phone: (612) 894-0596 Facsimile: (612) 894-1127

SYSTEM REQUIREMENTS: Workbench version 2.0 or higher. 2Mbytes of chip or fast RAM recommended, PAL compatible

Pixel 3-D Version 2 is a registered trademark of Axiom Software, Inc. #D Studio and AutoCAD are registered trademarks of AutoDesk. LightWave 3D is a registered trademark of NewTek, Inc. Imagine is a registered trademark of Impulse. PostScript is a registered trademark of Adobe.



AMIGA PERIPHERALS

NEW LOV

PRICES!

SAVE

MMU OR FPU?

40_{MHz}

68030EC

MMU

NEW

LOW

PRICE.

SAVE

WORLD CLASS NEW 40W PRICES!



This extremely high quality Amiga genlock, from GVP, has an intuition-based software control panel with full ARexx. and command line interfaces. It is easy to use and supports most VHS and S-VHS video models. For crisp overlays of scrolling, or static titles, graphics over live video and recording to videotape with high quality results.

VIDEO: G-Lock's six video control panels enable you to perform a wide array of special effects on still or motion video including:

- Colorizing for unique visual effects. Creating your own "Classic" black & white videos using the Colorkill feature
- Colour filter effects High-quality keying effects with bitplane or chroma keying

Manual or automatic (ARexx.

triggered) fades and cuts

AUDIO: G-Lock's dual-input audio panel switches, mixes and shapes sound for effects

- · Combining stereo channels or separate inputs without a "Y" adaptor
- Treble and bass equalization Plus, add DSS8+, see below. or any Amiga created modified digital audio samples to your final mix

FOR ALL AMIGAS

- Simple, Intuitive Mouse-Driven Software Control Panels. Full ARexx, CLI and Workbench Interfaces
- Software Selection of 2 Composite Video Inputs or 1 Y/C (S-Video) Input
- Simultaneous Composite & S-Video and RGB Outputs
- Software Selection or Mixing of 2 Audio Inputs with Volume, Bass and Treble Control
- Software-Driven Video Processing Amplifier Offering Complete Real-Time Signal Processing Control, Including Hue, Brightness and Saturation.
- Software-Controlled RGB Colour Splitter Compatible with Video Digitizers
- Built-in Transcoder Converts Input Video to Composite, Y/C, RGB or YUV Outputs
- Full ECS/AGA Support for Full Compatibility with A1200 and A4000 Systems

 Compatible with Popular Titling Software like AmigaVision™, Scala-Multimedia 200/210/300™ and Gold Disk's Video Director™

Full Audio Support

G-LOCK

NCLUDING VAT - VID 2500

40MHz & 50MHz ACCELERATORS



 Memory Management Unit on 50мнг Version Optional 60ns 32mb RAM Upgrade

Battery Backed Clock

- Optional 40мнг or 50мнг 68882 Maths Co-Processor
- Memory Management and Cache Control Software Kickstart Remapping Technology

RAM UPGRADES

The A1230-II accelerator combo has two 32-bit SIMM sockets for easy Fast RAM.

expansion. The following SIMMs can be used in those slots. 4Mb 60ns Fast RAM SIMM - (RAM 3246) - £199 mc VAT

SCSI-II EXPANSION MODULE

16Mb 60ns Fast RAM SIMM - (RAM 3286) - £999 ms val

. A1291 - Fastest SCSI Controller Yet

· DMA SCSI Design · FaaaST ROM Controller · High Speed, Unique DPRC Technology for Direct HD to Memory Transfer

A1230-II ACCELERATOR

4Mb RAM 8Mb RAM £629

The new GVP A1230-II advanced accelerators are available in 40MHz 68030EC and

50MHz 68030 configurations. They can make your Amiga run at least 6½ times

(40MHz version) or at least 811 times (50MHz version) faster than the standard

The 50kin version includes a built-in Memory Management Module (MMU), for

more sophisticated memory control. An optional FPU (Floating Point Unit: for faster

maths calculations) is available for the 40wir; and 50wir; versions (see below), both

A1200 and feature unique warranty safe module expandability - see right.

50мнz 68030 WITH

(RAM 3246) - £199 inc var

(RAM 3286) - £999 inc vat

4Mb RAM 8Mb RAM **2699**

FPU OPTIONS 40_{MHz} 68882 50_{MHz} 68882

egs spectrum

GRAPHICS

SPECTRUM

- 2мь of On-Board Memory 2Mb gives higher resolutions & more colours (1600 x 1280)
- Programmable Resolutions Up To an Amazing 1600 x 1280 - 800 x 600 in 24-bit
- Real-Time 24-bit Display and Graphics Operating System!
- High-Performance 24-bit EGS-Paint Package for Professional Painting and Photographic Editing

Amiga-RGB Pass-Through so the Amiga and the

- EGS SPECTRUM can Share a Single Monitor
- Zorro II (16-bit) and Zorro-III (32-bit) AutoSensing for Maximum Performance
- Scan Rates Up To 80KHz
- 80,000,000 Pixels/sec Pixel Display Speed (8-bit)

FOR A1500/A2000/A3000/A4000 TAKES YOUR AMIGA BEYOND AGA!

EGS Spectrum is the answer to all your 24-bit graphics card requirements. It is a high performance, high resolution, 24-bit board that will take any Amiga 1500, 2000, 3000 or 4000 beyond AGA! But the hardware is only half of the picture. Without quality software, your investment will be wasted. Not only does GVP's own award winning graphics application ImageFX fully support EGS Spectrum, but also, using a Workbench driver, nearly all existing Amiga Workbench compatible applications will also work on and support the EGS Spectrum system.

 Workbench driver to run Workbench directly on the EGS SPECTRUM Board, Freeing Up Valuable Chip RAM

 Hardware Blitter to Accelerate All GUI Operations, Including the Workbench Driver

 System Conforming Applications Can Use the EGS Screenmodes Directly from the Display Database

 EGS Requires Kickstart 2.04 or NEW LOW PRICE!

SAVE £50

2_{Mb} VIDEO RAM £349

NCLUDING VAT - VID 7320

G-FORCE

have RAM upgrade options (up to 32%), see right).

40MHz ACCELERATORS

FOR A3000/A4000

Never before has such a powerful processor been available for the Amiga! The G-Force 040 puts a 40_{MHz} Motorola 040, plus built-in 40MHz 68882 FPU into your A4000 (030 or 040) and couples it with up to 32mb of super fast 32-bit SIMM memory on the board. The Standard board comes with 4_{Mb} RAM - see left for RAM upgrades.

To further increase memory from the maximum 32Mb available on the G-Force 040 card, add one of the two 96mb memory expansion boards available - see left. These enable you to take your total memory up to an amazing 128we RAM, directly connected to this blazing processor.

For maximum performance, a second optional module will be available soon, for a full 32-bit SCSI2FAST interface, capable of data transfer speeds up to an amazing 10mb per second!

- Fast 040 Accelerator + RAM for A3000/A4000
- 40MHz 68040 Processor
- 40MHz 68882 FPU Built-in to the 68040 Chip
- Make your A4000/030 at least 12 Times Quicker G-FORCE 040

 4wb RAM Fitted. Expandable to 32Mb on the Board, to a

Total of 128_{Mb} via an Extra Card - see left

 SCSI-II FAST Optional (Pricing TBC)

40mHz 4mb RAM **2999**

INCLUDING VAT - UPG 0640

FOR ALL AMIGAS



Capture sound from an external source and play it back in stereo or mono on your Amiga. The latest version of GVP's Digital Sound Studio (DSS8+) enables you to create audio effects for use in games or jingles.

- New Style High Impact, Clear Poly-Carbonate Casing
- Simultaneously Holds up to 31 Sound Samples in Memory Real-time Oscilloscope, Spectrum
- Analysis, Echo & Reverberation
- AREXX Compatible Microphone Input
- MOD File & MIDI Compatible

FREE Samples Disk



FOR A2000/A3000/A4000

*### #22 (COR401) Digital THE MOST POWERFUL AND FLEXIBLE VIDEO STABILISATION DEVICE FOR THE AMIGAI Infinite Window

Time-Base-Correction

· Real-Time Digital Video Processing · Real-Time Video Frame-Grabber

• 16.7 Million Colour Video Frame Buffer, Expandable to Two Frames Three Channel Video Input Switcher

for Both Composite and Y.C. Full Video Transcoding Between Composite and VIC Formats

 Convert from NTSCPAL/SECAM to NTSCIPAL Video Standards

External Digital Key Input

 Video Special Effects Generator for Solarization, Pseudo Colour, Strobe, Freeze, Monochrome, etc. Both Genlock/Reference (BBI) Input and

Advance-Sync Output Composite Keyer with



fessional quality digital video processing for broadcast quality video output, with no "pots" or "tweaking" needed! TBC PLUS

FOR A1500/A2000/A3000/A4000

RAM UPGRADES

he standard board has two GVP 32-bit SIMM sockets, one of which is

32Mb Remove 1 x 4Mb SIMM and Add 2 x 16Mb SIMMs - (2 x RAM 3286) - £1998 mc vat

hat to the maximum 32Mb on the board for a total maximum RAM of 128Mb

G-FORCE 040 96Mb RAM BOARDS

nal cards have six GVP SIMM sockets to go up to an extra 96Mb. Add

opulated with a 4Mb 60ns SIMM. Available options are:

8Mb Add 1 x 4Mb SIMM

20Mb Add 1 x 16Mb SIMM

The HC8+ is a



 High Speed DMA SCSI Controller Which Can Handle up to 7 Devices

 Ultra Fast Access SCSI Hard Drive Option - Call for Details

 Supplied Unpopulated, the HC8+ can be Upgraded to Give You up to 8mb of FAST RAM -

Direct Memory Access Design for Maximum Data Transfer Rate

PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDOUP, KENT, DA14 4DX

PLUS BRANCHES AT:

Call for Details



FULLY FEATURED SCSI INTERFACE HC8+

FOR AMIGA 1500/2000



GVP offers an

accelerator for the A1500/A2000 that outstrips the competition for speed and specifications.

G-FORCE 040 33MHz Speed MIPS* 68040 Processor 68882 in 68040 Maths Co-Pro. processor Std 32-bit RAM 4Mb Max 32-bit RAM 64_{Mb} Extras SCSI Ser/Par PRICE

FEARS

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service".





- ESTABLISHED 16 YEARS: We have a proven track record in professional computer sales.
- With over 300 staff We are solid and reliable. EXPERIENCED STAFF:

• PART OF A \$50M A YEAR COMPANY:

- All are 'Customer Care' trained and at your service. TECHNICAL SUPPORT HELPLINE:
- A FULL PRODUCT RANGE: All of your computer requirements from one supplier.

FREE help and advice from a team of experts.

- PRICE MATCH: We match on a "Same product - Same price" basis.
- FREE CATALOGUES:
- With special offers and product news. We accept most major credit cards, cash, cheque or
- VOLUME DISCOUNTS AVAILABLE: Business, Education and Government, Tel: 081-308 0888.

monthly terms (APR 29.8% - written quotes on request)

21 stores including 18 in branches of Debenhams.

FREE DELIVERY on orders over £40-VAT. Small administration charge (£2.50-var) on orders under £40-VAT. STORES NATIONWIDE:

MAIL ORDER:

BRISTOL Debenhams - (3rd Floor), St James Barton 0272 291021 CARDIFF Debenhams - (1st Floor), St. David's Way 0222 341576 CHELMSFORD Debenhams - (2nd Floor), 27 High Street 0245 355511 CROYDON Debenhams - (2nd Floor), 11-31 North End 081-688 4455 Debenhams - Ism Food), 97 Argyle Street 041-221 0088 GLASGOW GUILDFORD HARROW HULL **IPSWICH**

THURROCK

Debenhams - (3rd Floor), Millbrook 0483 301300 Debenhams - (2nd Roor), Station Road 081-427 4300 Debenhams - (2nd Roor). Prospect Street 0482 25151 Debenhams - (2nd Floor), Westgate Street 8473 221313 LONDON - 52 Tottenham Court Road 071-580 4000 LONDON Debenhams - Grd Floori, 334 Oxford St 071-580 3000 0582 21201 LUTON Debenhams - (hst Floor). Arndale Centre MANCHESTER Debenhams - (and Floor). Market Street 061-832 8666 PLYMOUTH Debenhams - Old Floor), Royal Parade 0752 266666 ROMFORD Debenhams - (3rd Floor), Market Place 0708 766066 SHEFFIELD Debenhams - isrd Rood. The Moor 0742 768611 Debenhams - (L. Ground), Meadowhall Ctre 8742 569779 SHEFFIELD SIDCUP Silica House, Hatherley Rd 081-302 8811 SOUTHAMPTON Debenhams - (htt Food), Queensway 0703 223888 0702 462426 SOUTHEND Keddies - (2nd Flwor), High Street Debenhams - (1st Foor). Lakeside Centre 0708 863587

To: Silica, AMFOR-0195-216, Silica, House, Hatherley Rd, Sidcup, Kent, DA14 4DX

Mr/Mrs/Miss/Ms: Initials:

Surname:	,
Company (# applicable):	
Address:	,
Postcode:	

Tel (Home): Tel (Work):

Which computer(s), if any, do you own?

We want you to have the best for your Amiga, but we don't want you to break the bank to get it. So check out our AF readers' offers, all at low, low prices.

Call our order **HOT**line on 0225 822511

Don't miss out! Turn to pages 44 and 45 NOW to check out our amazing AF subscriptions offers. To order a back issue turn to page 158 and 159.

THE SUPER CD32 **CONTROL PAD**

If your original CD32 control pad is feeling its age, or you just want an additional pad to play two-player games on equal terms, you need The

Super CD32 Control **Pad from Competition** Pro. With turbo fire, auto fire and slow motion features, the pad is also perfect for Amiga games (such as **Brutal Sports Football** and Wembley International Soccer).

Description	CD ³² Control Pad
AF price	£19.99
Order code	AMFCPP

WORDWORTH 3.1SE

This is the latest version of the most successful Amiga word processor ever. Complete with on-

line help, auto correct, drawing tools, text effects, a 116,000word Collins spell checker and thesaurus, 3.1SE has been created to run on a base A1200 with 2MB and a single drive. For full details of this astounding AF Gold-rated package, see the review by Nick Veitch on page 103.

Description	Wordworth 3.1SE
AF price	£49.99
Order code	AFWWSE

AMIGA

TURBOTECH CLOCK CARTRIDGE

Your Amiga will always know what day it is

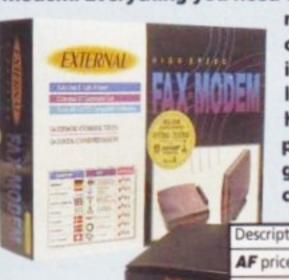


which sets the correct time and date. Simply fits into the disk drive port (or on the back of your second drive). Complete with software.

7	Description	Turbotech Cloc
7	RRP	£19.9
1	AF price	£17.9
J	Order code	AMFCLO

XL144E FAX MODEM

Find out what all the Net fuss is about at an unheard-of price! The Information Superhighway will beat a path to your door when you get your Amiga on-line with this BT-approved 14,400 speed modem. Everything you need to get on-line (cables,



manual, PSU and connection software) is included in this low-priced but high-performance package. It even looks good, too. What more could you want?

Description	XL144E Fax Modern
AF price	£139.99
Order code	AFXLMD

AF BINDER

Wordworth 3.

If your mags live in large piles on the floor, and you can never find the one you want, then keep your AF collection neat and tidy with these practical, yet stylish black and silver AF bi

inders.		
-5	My To	- 11
	Description	One binder
A PRO	AF price	£5.99
	Order code	AF108
No.	Description-	Two binders
	AF price	£9.99
	Order code	AF109

MOUSE 'N' MAT

At last! A quality replacement mouse at a bargain price complete with mouse mat. The 260 dpi resolution mouse is 100 per cent Amiga (and Atari ST) compatible and both buttons are fully microswitched (unlike certain other mice that spring to mind) for maximum reliability and performance. The tastefully-coloured neoprene mouse mat, essential for keeping your mouse mechanism free of dust and dirt, is 5mm

> thick and has a nonslip backing surface.

Description	Mouse 'n' Mat
AF price	£12.99
Order code	AFMM

MIDI INTERFACE

Push your Amiga's musical capabilities to its limits

> with the fully-featured ProMIDI interface which enables you to connect synthesizers and drum machines to your machine and then use the samples with our Music-X (AF58) and OctaMED (AF62) Coverdisks.



Description	Midi Interface
RRP	£24.95
AF price	£19.95
Order code	AFMIDI

JOYSTICKS

The WICO Ergostick is made of a tactile material instead of unforgiving plastic, has a larger than average shaft, is perfect for all size hands and has unparalleled sensitivity. The Tac 30 hand-

held or table-top stick has three buttons, auto fire and a sturdy aircraftstyle grip.





Description	Ergo Stick
RRP	£19.99
AF price	£17.99
Order code	AMFERG

TAC 30 Description RRP £12.99 AF price £10.99 **AMFTAC** Order code

163

TECHNOSOUND TURBO 2

Like the original

Technosound Turbo, version two of this sampler from New Dimensions enables you to grab digitised sounds and sequence them into compositions. But it also features many improvements and new functions, including direct-to-hard disk recording, and a built-in tracker. The package contains a digitiser and a set of audio leads. When it was reviewed in AF51.

	_
(63)	(av
5 a	vel
C	
7	ш
	w

hefty 88 per cent!

	Description	Technosound Turbo 2
	RRP	£39.99
	AF price	£29.99
	Order code	AMFTT2

Technosound Turbo 2 scored a

VISTA PRO LITE



This amazing fractal landscape program from Meridian enables you to build your own scenery on your Amiga. Then you can animate it to create stunning fly-bys, or use it as backgrounds in your own games, pictures or 3D renders. And it even works on standard A1200s. Reviewed in AF58, Vista Pro Lite scored 86 per cent.

save	
002	
(LZU)	

Description	Vista Pro Lite
RRP	£59.95
AF price	£39.95
Order code	AMFVIST

MUSIC-X 2



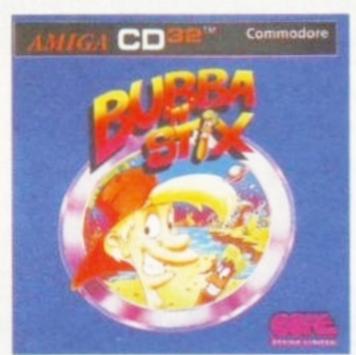
This sequencer package, which scored an impressive 85 per cent in AF60, is one of the most ground-breaking releases since the original Music-X made such a huge impact in 1989. Music-X 2 is a full MIDI sequencing package for controlling synthesizers, drum machines and other MIDI equipment, or you can use it with internal Amiga samples. The leading sequencer for the Amiga.



	Description	Music-X 2	
	RRP	£14	
	AF price	£89.99	
	Order code	AMFMX2	

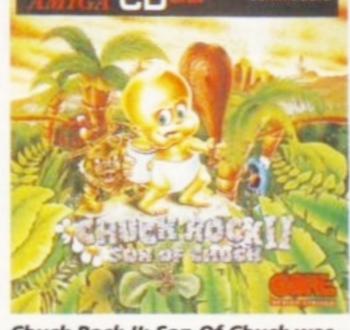
Another

CORE! HALF-PRICE CD32 GAMES



Bubba 'n' Stix, the puzzle game that looks like a cartoon and plays like a dream, earned a rating of 85 per cent in the March issue of AF. Help Bubba escape from an alien world by utilising his incredibly useful friend, Stix.

Description	Bubba 'n' Stix	(
RRP	£29.99	ONI
AF price	£14.99	£14
Order code	AMFBNS	(-II

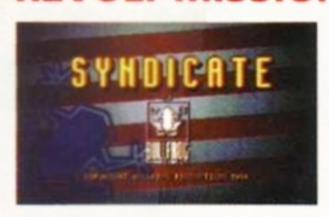


Chuck Rock II: Son Of Chuck was rated 79 per cent by AF. It contains six levels of prehistoric platform action as Chuck Jnr fights dinosaurs, elephants, tigers and turtles in his quest to rescue his kidnapped father.

ONLY
01400
I F 14.99
~ 1 10//

Description	Chuck Rock II
RRP	£29.99
AF price	£14.99
Order code	AMFCRT

SYNDICATE AMERICAN **REVOLT MISSIONS DISK**



If you thought the original Syndicate (AF49, 91%) was tough, you ain't seen nothing yet. The Syndicate American Revolt Missions Disk, available exclusively through

Amiga Format will test your skills to the absolute limit. Your task is to quell an uprising and win back the Americas in a series of 21 fiendishly difficult missions.

You can't buy this disk in the shops or from any other magazine, but, of course, you need a copy of the original game to use the Missions Disk.

Are you ready for the ultimate Syndicate challenge? Find out now!





Description	Syndicate Disk
AF price	£12.99
Order code	AMFSD

AMIGA FORMAT READER OFFER FORM

Name		
Address		
	Post Code	
Phone Number		
Description	Price	Order Code
Total order		

ethod	of	payment	(please	circle)	Access	Visa	Cheque	PC
ease m	ake	cheques p	payable to:	Future	Publishing	Limited		

ALL PRICES INCLUDE POSTING, PACKING A	AND	VAT
---------------------------------------	-----	-----

Credit Card no				
Expiry Date			 	
SEND THIS FORM TO	: Amiga Fo	rmat,		

Future Publishing Limited, FREEPOST (BS4900), Somerton, Somerset TA11 6BR

DO NOT SEND CASH, USE METHOD OF PAYMENTS LISTED ABOVE

EEC customers registered for VAT, please quote your registration number:

Customers outside the UK add £4.00 for overseas delivery

Tick here if you don't want to receive special offers from other specially-selected companies

126 Fore Street, Upper Edmonton, London N18 2AX Tel: 0181-345 6000 Fax: 0181-345 6868

RAM FOR GVP A1230

1Mb	 	00.002
4Mb	 	£165.00

ACCELERATORS

1	Viper 68030 for A1200
1	Viper Turbo£135
	Viper + 1Mb£152
	Viper + 2Mb£185
	Viper + 4Mb£235
	Viper + 8Mb£320
	GVP A1230 II for A1200
	40 MHZ£200
	1Mb£230
1	4Mb£250
	8Mb
	G-force 040 for A3000/A4000
	40 MHZ 4Mb RAM£1150
	G-force for A1500 - A2000
	030 40MHZ£575
	030 33MHZ£820
	EGS Spectrum£320

ROMBO PRODUCTS

Vidi 12RT		
Vidi 24RT	£159	

SCSI 2 CONTROLLER

Oktagon 200	8 SCSI 2
for A1500 - A400	00 Controller
Oktagon 2008	£109
170Mb + 2008	£245
	£280
340Mb + 2008	£300
540Mb + 2008	£350
1 Gig + 2008	£500
CDROM + 2008 .	£237.44

MICE AND TRACKBALLS

Trackball Alfa Data£25.00
Trackball with light£29.00
Alfa Data Optical Mouse £25.00
Alfa Data Pen Mouse£29.00
290 DPI Mouse £6.50
400 DPI Mouse £12.00
Mouse/Joystick Switch£12.00

MODEMS

Supra 288£206.00
Supra 144 LC£126.00
US Robotics
Sportster 2496 + Fax£92.00
Sportster 14400 + Fax£135.00
Worldport 14400 + Fax£220.00
Courier V32 Turbo + Fax£203.00

ACCESSORIES

Printer Cable	£5.00
Modem/Null	£9.00
Scart Cable	.9.00
A1200 Clock	212.00
Dust Covers	£2.50

DISKS HD or DD

100% Error Free Bulk Disks
DD HD
10 £3.50£6.00
50 £16.25£27.50
100 £31.50£50.00
500£150.00 £225.00
1000£270.00 £400.00

PRINTER

CITIZEN

ABC	Col							. ,						 £	1	26
200	Col	٠.												£	1	61
240	Col													 £	1	86
			_	_		_	_		_		_	_	_	_	_	_

HEWLETT PACKARD

310	£194
320	£220
520	£211
500 Col	£250
560 Col	08E£.

SCANNERS

Alfa Data 256 with OCR £125
Minimum 2Mb RAM + Hard Drive
Alfa Data New 800 DPI£100
Power V4 mono£100
Alfa Data Col£270
Epson GI 6500£550
Epson GT 8000£600
Epson GT 9500£750
Image FX£99

SPECIAL OFFER

HARD D	RIVE FOR A500 A500+
420 Mb	£200
540 Mb	£250

How to Order

When ordering by telephone please quote your credit card number followed by the expiry date and also your full name and address. If paying by cheque please make it payable to Gasteiner Technology. In any correspondence please quote a phone number and also a postal code. Please allow five working days for cheque clearance.

POWER SUPPLY CD ROM DRIVES

A500, A500+	£28.00
A600, A1200	£28.00
A1500, A2000	£70.00

3.5" DRIVES EXT

Amitec 3.5"	£50
Power 3.5"	
Power 1.76Mb	£50

3.5" DRIVES INTERNAL REPLACEMENT

A500, A500 + internal	£37.00
A600, A1200	£37.00
A2000	.£37.00

WARP ENGINE FOR A4000 ONLY

28MHZ	£650
40MHZ	£1000

GIGAMEN **DISK EXPANDER**

Disk Expander	£25.00
_	

COMPUTERS

A1200	£237.00
A1200	Combat Pack£276

HARD DRIVE A1200 + A600

40Mb£75							
65Mb£114							
85Mb£100							
120Mb£130							
240Mb£220							
2.5" Hard Drive including							
cable & software							

MONITORS

Microvitec 1438	£245
Philips 8833 II	£203
Microvitec 1440	

AMIGA A4000

A4000/30£POA
A4000/40£POA
A4000/40LC£POA

	For A2000 - A4000
	Tandon IDE CD-ROM
	controller£55
1	Mitsumi Dual Speed CD-ROM £99
	For A1200 - A600
	CD-1200 controller£55
	Case with PSU£84.25
	Mitsumi Dual Speed£99
	A1200 Overdrive CD-ROM £165
	SCSI CDROM
	for A2000/A4000 £237.44

RAM! RAM! A500, A600, A500+

A500 1/2Mb£12.75
A500+ 1Mb£18.00
A500 1/2Mb with clock £18.00
A600 1Mb18.00
A600 1Mb with clock£29

LOW COST A1200 RAM **32 BIT RAM WITH CLOCK**

	1Mb67
	2Mb£85
5	4Mb£143
Ņ	8Mb£254
	Co-Pro for the above
	25MHZ£29.75
	33MHZ£58.00
	40MHZ£109.00
	50MHZ£126.00

A4000 RAM

1Mb 32 bit	£25.00
2Mb 32 bit	£59.00
4Mb 32 bit.	£109.00

RAM FOR GVP 30PIN

1Mb	£25
4Mb	£109

Delivery Charges

VISA

Please add VAT on all items. Small consumables and software items under the value of £59 please add £3.50 P&P. Other items except lasers, next day courier service £10 per box. Offshore and Highlands, please call for a quotation. In addition we offer the following express services: Saturday Delivery normal rate plus £15 per box, Morning, next day normal rate plus £10 per box. E & EO Prices subject to change without prior notice. All trademarks acknowledged.





- DELIVERY On orders over £40.vat WINDOWS 3.1 Next Day - Anywhere in the UK mainland
 - Free Windows 3.1 driver with Printer Kit
- 2 YEAR WARRANTY
- HELPLINE echnical support during office hours
- PRINTER KIT With Citizen dot matrix printers from Silica



FREE PRINTER KIT INCLUDES:

- 3½" Disk with Amiga Print Manager
- 3½" Disk with Windows 3.1 Driver
- 1.8 Metre Parallel Printer Cable 200 Sheets of Continuous Paper
- 50 Continuous Tractor Feed
- Address Labels • 50 Continuous Tractor Feed Disk Labels

AMIGA PRINT MANAGER

- For faster printing from your Amiga, with clearer images and more vibrant colours. Available free of charge as part of the Silica Printer Kit.
- VALUE **£57.58**

COLOUR PORTABLE

CTZEN

Printer II

- Thermal Notebook
- · Fast LQ Output 126cps (12cpi)
- 18k Printer Butler/5 Fonts Parallel Interface Graphics Resolution: 360 x 360 dpt
- · Epson, IBM, NEC and Drivers for MS Windows 3.1, MS Word and
- · Prints on Stnd Paper NOTEBOOK PRINTER II BATTERY £20

UK MAINLAND

\$\$4505YF-4

126 CPS · Built-in Auto Sheet

- Feeder 5 Sheets Spot Colour & Black Ribbons Supplied · Battery Optional per
- · 2 Year Warranty £349.00 FREE RIBBON ____ £5.88 TOTAL VALUE: £354.88 SAVING: £142.9
- SILICA PRICE: E211.91

8K Printer Buffer 5 Fonts - 2 Scalable Parallel Interface

 Graphics Resolution: 360 x 360dpi Epson & IBM

24 pin - 80 column

192cps Draft (12cpi)

64cps LQ (12cpi)

Autoset Facility

Emulation

- Quiet < 48dB(A)
- Built-in 50 Sheet Automatic Feeder
- "EASYSTART" S/W - Windows Driver
- Optional Extras: 128K RAM, Colour

- Amiga Driver

- Kit, Tractor Feed FREE Silica Printer Kit
- 2 Year Warranty

FREE LOUR CITIZEN ABC 24 OPTION PRINTER KIT AVAILABLE SEE BELOW SEE LEF organisment on their contraction of the contraction IDEAL provides where Print and Coding This head to make a custor to read These is body text. FOR THE DELIVERY FIRST-TIME If it set in I ; year to make a USER for residability. It is auto protified so 515742 that the text is Charle with the tight statem The YEAR OFTWAR cherolity spacing and I point out-WARRANTY ABC - MONO PRINTER PRI 2411 + VAT = £189.00 OPTIONAL PRINTER KIT ... £49.00 TOTAL VALUE: £238.00 SAVING: £119.70 INCLUDING VAT SILICA PRICE: £118.30

INKJET

80 column

Citizen Projet II Inkjet -

• 180cps Draft (10cpi)

120cps NLQ (10cpi)

50 Nozzle Head -

Quiet 46dB(A)

50K Printer Buffer

• 1 x IC Card Slot

3 Fonts Built-in

Font Cards

Parallel Interface

300 x 300dpi

HP Deskjet Plus

Available

2 Year Warranty

Graphics Resolution:

(PCL3+) Emulation

Automatic Sheet Feeder

Includes Windows 3.1 Driver

Monochrome & Colour Versions

Optional HP Compatible

180 CPS

Ref: PRA 1148 - Normal price £44.99 INC VA

80 COLUMN



PROJET IIC COLOUR

\$279.00 FREE CABLE £8.47 TOTAL VALUE: \$287.47 SAVING: £75.56 SILICA PRICE: £211.91

INCLUDING VAT

ABLE

24PIN

FAST DOT MATRIX

270 CPS

80 COLUMN

- Citizen Swift 200/200C -24 pin - 80 column
- 270cps SD (15cpi), 216 cps Draft (12cpi), 72cps LQ (12cpi)
- 8K Printer Buffer -40K maximum
- 7 LQ Fonts
- Parallel Interface
- Graphics Resolution: 360 x 360dpi
- Epson, IBM, NEC P20 & CEL Emulations
- Quarter Printing Facility
- Auto Set Facility Bi-directional Interface, Auto Emulation Detection
- Ultra Quiet Mode -43dB(A)
- Colour Printing Standard - Swift 200c, Optional - Swift 200
- FREE Silica Printer Kit



SWIFT 200 MONO

£259.00 PRINTER KIT £49.00 TOTAL VALUE: £308.00 SAVING: £164.17 SILICA PRICE: £143.83 INCLUDING VAT SWIFT 200C COLOUR

£279.00 PRINTER KIT £49.00 TOTAL VALUE: £328.00 SAVING: £175.66 SILICA PRICE: £152.34

INCLUDING VAT

THE SILICA

Before you decide WHEN to buy, we

suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon



NOW IN 18 BRANCHES OF STORES NATIONWIDE ESTABLISHED 16 YEARS: We have a proven track record in professional computer sales.

With over 300 staff - We are solid and reliable.

EXPERIENCED STAFF:
 All are 'Customer Gare' trained and at your service.

TECHNICAL SUPPORT HELPLINE: FREE help and advice from a team of experts.

A FULL PRODUCT RANGE:
 All of your computer requirements from one supplier.

PRICE MATCH: We match on a "Same product - Same price" basis.

 FREE CATALOGUES: With special offers and product news.

We accept most major credit cards, cash, cheque or monthly terms (APR 29.8% - written quotes on request).

 VOLUME DISCOUNTS AVAILABLE: Business, Education and Government. Tel: 081-308 0888.

MAIL ORDER: FREE DELIVERY on orders over £40.vat. Small administration charge (£2.50-vat) on orders under £40-vat.

PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

PLUS BRANCHES AT: Debenhams - (ard Roor). St James Barton 0272 291021 BRISTOL Debenhams - (1st Floor). St. David's Way 0222 341576 CARDIFF CHELMSFORD Debenhams - (2nd Roor), 27 High Street 0245 355511 Debenhams - (2nd Floor), 11-31 North End 081-688 4455 CROYDON GLASGOW Debenhams - (5th Roor), 97 Argyle Street 041-221 0088 0483 301300 GUILDFORD Debenhams - (3rd Floor), Millbrook HARROW Debenhams - (2nd Floor), Station Road 081-427 4300 HULL Debenhams - (2nd Roor). Prospect Street 0482 25151 Debenhams - (2rd Floor), Westgate Street 0473 221313 **IPSWICH** LONDON - 52 Tottenham Court Road 071-580 4000

LONDON Debenhams - Isid Floor), 334 Oxford St 071-580 3000 Debenhams + (1st Foor). Arndale Centre 0582 21201 LUTON MANCHESTER Debenhams - (3rd Roor). Market Street 061-832 8666 PLYMOUTH Debenhams - (3rd Floor), Royal Parade 0752 266666 Debenhams - (3rd Floor), Market Place ROMFORD 0708 766066 Debenhams - (3rd Floor). The Moor 0742 768611 SHEFFIELD Debenhams - (L Ground) Meadowhall Ctre 0742 569779 - Silica House, Hatherley Rd 081-302 8811 0703 223888 0702 462426 Keddies - (2nd Floor), High Street Debenhams - (100 Floor). Lakeside Centre 0708 863587

To: Silica, AMI	FOR-0195-215,	Slics	House,	Hatherley	Hd.	Sidoup,	Kent,	DA14. 4DX
PLEASE S	SEND INFO	ORM	ATION	ON T	HE	CITIZ	EN	RANGE

	Initials:
Surname:	

Address:

Postcode

Tel (Home): Tel (Work):

Which computer(s), if any, do you own?

SOUTHEND THURROCK

STORES NATIONWIDE:
 21 stores including 18 in branches of Debenhams:

SHEFFIELD SIDCUP SOUTHAMPTON Debenhams - (1st Floor). Queensway

cros

A1200 8Mb RAM EXPANSION



Capacity for 2Mb, 4Mb or 8Mb RAM using standard 'ZIP' DRAM chips

Increases the speed of your A1200

by up to 2.19 times

Maths Co-Processor urgradeable PGA or PLCC FPU compatible

Simple trapdoor installation 2 On-board real time clock

Includes RAM on/off switch ...a classic case of reliable design... the well With 4Mb RAM installed£189.99 With 8Mb RAM installed£299.99

Unpopulated unit only

£59.99

resildilifilities & CALL US NOW FOR IMMEDIATE SERVICE ON (USOO) / 05500 & EVESTIGHTHERDS

Partially populated units expand to full 8Mb with ZIP modules at £74.99 per 2Mb.

With 2Mb RAM installed£129.99

£59.99 33MHz FPU... £79.99 40MHz FPU. £129.99 50MHz FPU ...

Incorporating the latest 'ZIP' DRAM

allows the A500 / A500+ to be

upgraded by up to a further

N.B. Any memory fitted to this

unit is in addition to that on your

machine already, to a maximum

of 8Mb on the external unit.

8Mb of auto-configuring

FASTRAM.

technology, our External Memory Upgrade

Reference

A500/A500+ 8Mb RAM UNIT

RAM access LED RAM test/run switch

Style matched to the A500

Very low power consumption Throughport for further expansion

Compatible with A570 CD-ROM drive and most SCSI Hard Drives (please call to check)

☆ Optional PSU (allows Amiga to power other devices)

Available unpopulated, or fitted with 2Mb, 4Mb, or 8Mb RAM

Unpopulated unit

With 2Mb RAM installed. With 4Mb RAM installed ... With 8Mb RAM installed ... £299.99

Partially populated units expand to full 8Mb with ZIP modules at £74.99 per 2Mb . Optional PSU £14.95



A500/A500+ HARD DISKS

All the features

...without the price

SCSI HARD DISK MECHANISMS for

optimum performance, fast Access Time & Autoparking ★ Includes SCSI THROUGHPORT at rear for further expansion

COOL by popular demand, we have fitted a Cooling Fan!

A GAME SWITCH allows Games to be loaded without disconnection

★ High quality metal casing, colour and style matched to the Amiga 500

★ Option for up to 4MB additional easy RAM EXPANSION, using 'SIMMS' Compatible with Reference Add-On Hard Drive and Reference RAM unit

★ Compatible with WorkBench 1.2/1.3/2.0 and 3.1, and KCS PC emulator

Autoboot requires KickStart 1.3 or above

☆ Compatible with external Syquest SCSI drives or external SCSI CD-ROM drives using WorkBench 3.1

★ Includes 'HD Setup 3' (external SCSI low level format and partition utility) and 'MRBACKUP PRO' (backup utility)

Includes its own DEDICATED PSU. CBM recommends against use of Hard Disks without independent power supply

40Mb model

100Mb model £169.99 £199.99

2Mb RAM: ADD £70.50 4Mb RAM: ADD £141.00 Clearance bargain - 100Mb add-on SCSI Hard Disk (Piggy backs on to A590 or other SCSI hard disk)....£179.00

- A500 512k RAM UPGRADE CONVENIENT ON / OFF MEMORY SWITCH
- COMPACT, ULTRA-NEAT DESIGN AUTO-RECHARGING BATTERY



Also without clock for only£16.99



MEGABOARD

CONNECTS TO YOUR 512K RAM UPGRADE TO GIVE 1.5MB With our MEGABOARD, you can

further expand your A500's memory to a total of 2MB without disposing of your existing 512k upgrade (must be 4 x RAM-chip type, or not exceeding 9cm in length). Not compatible with A500 plus.

MEGABOARD needs Kickstart 1.3 to operate. Installation requires connection to the GARY chip. Easy to follow instructions provided.

1.5Mb RAM BOARD

☆ Fully populated board increases total RAM in A500 to 2Mb! Plugs into trap door area, & connects to 'GARY' chip ☆ Includes Battery-Backed Real-Time Clock With 15Mb FASTRAM installed



Unpopulated RAM board with clock -

(takes 256k x 4-bit DIL chips).....£34.95 N.B.: The expansion board requires Kickstart 1.3 to operate

A500+ 1Mb UPGRADE

THE FASTEST AND EASIEST WAY TO **UPGRADE YOUR A500+ TO 2MB RAM!**

Simply Plugs into trap door expansion area 🔅 Increases total RAM capacity to 2Mb

'ChipRAM' & RAM On/Off Switch Compact unit size 2 Only 8 low power RAM ICs & High reliability

ONLY £42.99

REALISE THE TRUE ACTIVE SPEAKERS!

Your Amiga produces fine quality hi-fi stereo sound. Enjoy

with separate adjustable volume controls for each speaker unit. 8 Speaker Dimensions 160x95x105mm (HxWxD) **Watts RMS** per channe

ONLY £34.08

Winner of all **Customer Service** related categories in the 'PC Direct Hits Awards' for '93 & '94

RETAIL SHOWROOMS

Normal Opening times: Monday-Saturday, 9.00-5.30 Late Night Opening Until 7pm Wedneeday-Friday

Evesham 2 0386 • 765500

Birmingham 2 021 • 446 5050

Government, Education and PLC orders welcome. All products covered by 12 Months Warranty.

ALL PRICES INCLUDE VAT.

MAIL ORDER DEPARTMENT

Monday-Friday, 9.00 - 7.00; Saturday, 9.00 - 5.30 Technical support (Mon-Fri, 10.00 - 5.00): 0386-769403

Dept. AMFO, Unit 9, St Richards Road, Evesham, Worcs WR11 6TD Call us now on @ 0386-765500

Mail Order FAX: 0386-765354

Same day despatch whenever possible. Delivery on all orders up to £175.00 value is charged at £4.11. All items above this value are shipped by insured Express Courier service at £7.64 per order – normally next working day after despatch (UK mainland only, others please call). Please allow 5 banking days for cheque clearance. Immediate clearance on Bank Drafts and Building Society cheques.

ROM SWITCHER

SWITCHING BETWEEN VERSIONS OF KICKSTART ON YOUR

A500 OR A500+ IS EASY WITH OUR ROM SWITCHER!

By fitting our ROM switcher, you can alternate between the

KickStart already resident and another version of Kickstart

ROM chip, giving you the freedom of choice. Fitting is very

simple indeed, and requires no soldering or special technical

KickStart 2.0 ROM supplied separately.

You can improve software compatibility on your A500!

knowledge. Fitting allows two

methods of switching; either

by keyboard reset, or by an

external toggle switch. N.B.

Kickstart ROM not supplied.

A500 Revision 5 boards will

require circuit modification.

WE GUARANTEE that this is the

ONLY £14.99

after using this Trackball! Full one-

handed control. Top quality opto-

mechanical design, giving high

No driver software needed

speed and accuracy every time.

ONLY £29.95

accurate replacement mouse you can

performance, with a 300dpi resolution.

smoothest, most responsive and

buy for the Amiga. Excellent

Cros

Micros

TRUEMOUSE

All goods subject to availability. Details correct at time of going to press. Prices and specifications subject to change without notice. E & O E.

3.5" FLOPPY DRIVES

External Floppy Drive

- Very quiet
- Slimline design
- Suits any Amiga
- Cooling vents Full 880K

Credit card orders:

- Formatted Capacity Sleek, high quality metal
- casing Quality Citizen/Sony drive
- mechanism Long reach connection cable
- Enable / Disable switch
- Throughport facility for addition of further drives

Amazing low price! ONLY £45.99

A500 Replacement Internal Floppy Drive Kit Fully compatible, with 1Mb unformatted capacity.

Straightforward installation procedure. Kit includes full fitting instructions. ONLY £42.99

HAND SCANNER

produces truly superb quality scans. Has a full 105mm scanning width, variable brightness control and 100 / 200 / 300 / 400dpi resolution.

Supplied with Daatascan Professional Version 3

scanning and editing software, allows real-time scanning in either line art or in up to 64 simulated grey scales. Provides powerful editing features and excellent compatibility with most DTP and Paint Packages, eg. Deluxe Paint 4, Touch-Up.

ONLY £99.99

ZY-FI SPEAKERS



SOUND POTENTIAL OF YOUR AMIGA WITH THIS PAIR OF FULL RANGE

quality stereo sound reproduction to the full with this new design twin speaker system! Incorporates a built-in amplifier

A500 POWER SUPPLY

Genuine Commodore Amiga A500 type replacement Power Supply Unit. Good quality 'switch mode' type. Super low price!

Replacement Power Supply for A590 Hard Disk£49.95

TRACKBALL

High performance trackball, directly compatible with any

accurate - you probably won't want to use a mouse again

Amiga. Plugs into mouse or joystick port. Super-smooth and

ACCESSORIES Virus Protector fits to last drive in system.

protecting all drives	9.83
Amiga 500 Dust Cover	£4.9
Amiga 600 Dust Cover	£4.9
	The second second

PRINTERS

Hewlett-Packard Deskjet 500C Colour

Hewlett-Packard Deskjet 560C Colour

Epson LX300 budget 10° carriage 9-pin ...

Canon BJ-200 Inkjet Printer 360dpl, up to 240cps.

Limited Quantity! Hewlett-Packard

Hewlett-Packard Deskjet 320

Hewlett-Packard Deskjet 520

Deskjet 550C Colour.

Canon BJ-10SX Inkiet Printer

Star SJ 144 Colour Thermal transfer printer.

Hewlett-Packard Deskjet 310/320 Colour upgrade kit£41.13

8 fonts, 80-sheet feeder, IBM and Epson emulation £233.83

A600 1Mb RAM/CLOCK UPGRADE UPGRADE YOUR NEW A600 TO 2Mb WITH THIS SIMPLE PLUG-IN

MEMORY UPGRADE! Increases total RAM capacity of A600 to 2Mb 'ChipRAM'

Simply Plugs into the A600's trap door expansion area. ONLY £48.99 ARAM Enable / Disable Switch
Battery-Backed Real-Time Clock

£425.35

£217,38

£257.33

£280.83

£370.13

£172.73

Panasonic



Super quiet 43.5 - 46 dBA sound level

■ 7 Resident Letter Quality Fonts.

■ Colour Printing with the KX-P2135's choice of 7 vibrant colours. Versatile Paper Handling with built-in 20 sheet feeder. High Speed 250 CPS draft, 83 CPS Letter Quality.

ONLY £163.33

ZY-FI PRO SPEAKERS EXPERIENCE NEW LEVELS OF AUDIO

PERFORMANCE WITH THIS PROFESSIONAL TWIN SPEAKER SYSTEM. With a PMPO of 60 Watts per

Watts RMS

channel and an amplifier with a true 15 Watts RMS per channel, these versatile speakers faithfully reproduce a rich expressive sound for the discerning Amiga user. They feature separate volume, bass and treble controls, and detachable stands. Speaker Dimensions 200x140x130mm (HxWxD) ONLY £57.58

C64 POWER SUPPLY

High quality replacement Power Supply Unit for the Commodore 64

CLEARANCE BARGAINS

Trackball	£20.00
Zy-Fi Amplified Stereo Speakers	219.00
VIDI Chrome	25.00
GFA Basic compiler	£15.00
AMOS 3D	00.22
ICD SCSI 2080	259.00
Home Accounts	£5.00
Mavis Beacon typing tutor	00.23
Star NL10 Epson interface	
Star LC24-200C Colour printer	2175.00
Panasonic KX-P2123 Colour printer	00.9813
Citizen Swift 200 Colour printer	00.993
Epson LQ100 printer (new)	00.993
HP DeskJet 500 Colour inkjet printer	£219.00
HP DeskJet 560 Colour inkjet printer	
All items are clearance lines or shop soil	

hand stock. All carry a full 12 months warranty.

Please contact our Evesham Branch for these products

EVESTION MIGROS & CALL US NOW FOR IMMEDIATE SERVICE ON (0386) 765500 & GVESTON MIGRO

Are you bothered, bewildered or bamboozled by an Amiga-related problem? Nick Veitch has the light to shine at the end of your tunnel of confusion, so write to him at Workbench, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW.



Power supply units can be the cause of memory problems and strange things happening to disk drives.

POWER BLUES

I have a very annoying problem with my A1200. I have a 170Mb hard drive and a Blizzard A1220/4 accelerator/memory expansion. Everything worked fine until I bought the A1220/4. Now I have random crashes and strange things happen such as the hard drive not being recognised (after a keyboard reset) and DH0: and DH2: being recognised but not DH1:, though both of the above have only happened once.

Would I be right in assuming that my power supply is not powerful enough now that I have these extras? If so, what can I do? I have read the adverts and can't find a high-power PSU for the A1200, do you know of one?

Paul Irving, Leeds

Unfortunately, I believe you may have got to the crux of the matter. Intermittent faults with drives and memory are more often than not the result of power-supply woes. I believe First Computer can provide you with an upgraded PSU. Give them a call on 0113 2319444.

ZERO PC

I own an A1200, unexpanded in any way. I am trying to use the CrossDOS utility that is supplied with Workbench, I have copied the file PC0 to the devs/dosdrivers drawer, as the manual says, but when I put a PC disk into the drive I just get DF0:???? under the icon, and no PC name.

I have tried to click on the PC0 icon, but I get the message:

Device pc0: is already mounted which I take to mean that it should read PC disks straight away. What am I doing wrong?

Dave Turner, E-mail

It doesn't sound like you are doing anything wrong. Try the following: mount PC0: by double clicking on the icon (or starting up with the icon in the devs:dosdrivers drawer). Now put in the PC disk and open up a Shell.

In the Shell type:

diskchange pc0:

The PC disk should definitely appear now, even if it is a faulty disk. You should then be able to load files from the disk by double-clicking on the disk's icon.

Make sure that you are not trying to access a high-density PC disk, and check that it is not one that uses a custom format.

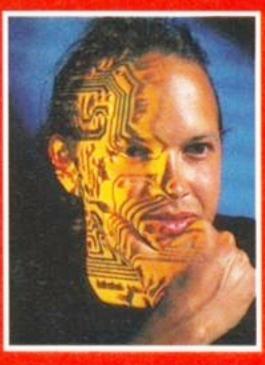
MISSING LINK

I have a small problem with my hard drive on my unexpanded A1200. I have had a program on the hard drive for about a month and when I was clearing up the drive I found that one of the directories would not delete.

I tried to delete the directory from Workbench and the icon disappeared but when I tried to delete the parent directory the Amiga locked up on me. On rebooting my Amiga the directory had reappeared. I am unable to open the

Continued overleaf ⇒

IF YOU HAVE A QUERY...



At Amiga Format we aim to answer as many questions as possible, and attempt to sort out all of your problems. Of course, there are always more questions than answers, so we prioritise queries according to the following factors:

 FREQUENCY. If a lot of people seem to be having problems with their Supersonic KY3000 printers, then we will print one letter and the definitive answer, encompassing all the most frequently posed problems.

than a slight inconvenience.

 DIFFICULTY. If the problem is actually something which only someone with some insider technical knowledge would be able to solve, it is more likely to be answered in these pages than a problem which arises simply because you haven't read the documentation. IMPACT. Quite simply, a question which involves you not being able to use your machine or some peripheral or software will be given

priority over a difficulty which is little more

Unlike some magazines we won't just concentrate on the areas of expertise we are most familiar with, we will take on any problem (as long as there is an Amiga involved). As you will appreciate, we do get a lot of Workbench questions every month. If you want to get yours noticed, here are a few tips:

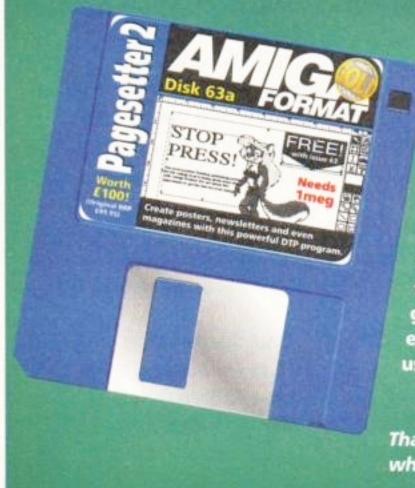
DO

- Detail the actual problem as best as you can.
- Where applicable, describe the sequence of events that caused the problem.
- Give details of the equipment you are using (including which version of Workbench and which model of Amiga you have).
- Make sure your question is relevant and wouldn't be more easily solved by getting in touch with the dealer from whom you bought the goods.

DON'T

- Spend three pages telling us about your Aunt Ethel and only then explain your problem.
- Write in with questions like: 'I added a hard drive to my Amiga and it doesn't work. What can I do?' (Which machine? Which drive?)
- Send an SAE expecting a personal reply. The chances are extremely slim.

Please bear these points in mind and remember that we are trying our best to help you.



MAKING ATCS

When I read the Workbench pages in AF65, I noticed that Mark Slater of Wakefield, has the same problem I had with PageSetter CompuGraphic fonts. I too couldn't find a program to generate .atc files, so I altered existing .atc files to suit, using a binary editor.

I started by taking the two .atc files on PageSetter 2 and looked for relationships between the files and the others in the font set. I found that the first sequence of bytes in each .atc file was different and that it corresponded to an identical sequence in the LIB file for that font. You can get new fonts to work by changing these values on an existing .atc file, to the LIB file values of the font you want to use, and then saving and renaming it.

Mr G Bush, Dunstable, Bedfordshire

Thanks for that tip. There is also a PD program called Makeatc, which performs much the same task.

CSG

70-03

BM 19

FERENCE - III

5

JANUARY 19

directory but I know there is nothing in it. I have been advised to buy Quarterback but, before I do, can you tell me if is there any way to kill this directory via the Shell or Workbench?

Also if this letter appears among the hallowed pages of AF will my full E-mail address be printed?

MJWaddington@Bradford

(Curry Capital of the UK).ac.uk

It sounds to me like your directory structure is completely up the creek, or at the very least, the directory links have become confused. If the directory has been deleted then it should not cause you any problems.

The only reasons for it not being deleted are if it contained a protected file (which you can unprotect using the Workbench Protect command) or if the hash tables are corrupt. The best thing to do is get a program such as Fixdisk, Disksalve, (both PD), or Ami-Back Tools (from Ramiga on 01690 770304) or Quarterback Tools (try First Computer Centre on 0113 2319444). They should sort it out for you.

MAC FLOPPIES

Does anyone know if there is a way to configure the *CrossDOS* file system to cope with 800k Mac disks? It is a nuisance putting files from a Mac, on to a PC disk and then on to the Amiga.

P Stoddart, Leics

Unfortunately, *CrossDOS* won't do it, it is designed for PC format disks. Mac double density disks are weird, because they actually rotate at different speeds depending how far out from the centre the disk head is. This was a sad attempt by Apple to get more space on a disk.



One way of reading Mac disks on your Amiga is to invest in the *Emplant* Mac emulator.

SCSI-LESS

I have been the proud owner of an A1200 since the day it was released (well almost). I upgraded from my A500, and I still have my 3.5-inch SCSI hard drive. Can I connect this to my A1200?

If this is not possible can I network my
A1200, my CD³² and my A500 to access the hard
drive from the A500 and CD-ROM from my CD³²
via SerNet and ParNet? Is it possible to store AGA
images on the A500 hard drive and access them
directly through the ParNet connection?

John Graham, E-mail

You're in luck! New from HiSoft is a PCMCIA SCSI interface unit which HiSoft claim allows you to connect a range of SCSI peripherals to an A1200 or A600. Although this means that you can make use of devices as SyQuest drives and CD-ROMs,

the unit's most obvious use is as a SCSI controller for SCSI hard drives. HiSoft intend to make available an external casing suitable for 3.5-inch hard drives so you can connect your A500 hard

You could get hold of *Mac2Dos*, which is quite old and expensive, or you could try *Sybil* from Blittersoft (01908 220196) which enables you to read Mac disks, or you could invest in a Mac emulator such as *Emplant*.

AN INCH TOO FAR?

A friend of mine has a 3.5-inch 340Mb IDE drive installed and running on his PC. Can I take that IDE drive and put it in the IDE slot on my A1200 and, using HDToolBox, repartition it and format it using Workbench?

Richard Ambridge, rambridg@encore.com

You can. Obviously Commodore don't sanction this sort of thing because more likely than not you will have to cut the shielding in your A1200 to fit the drive. You can get an adaptor cable, but you also need to get another cable for the power because 2.5-inch mechanisms take their power through the ribbon connector. You could take the power from the floppy power socket, depending on how much current your new mechanism needs.

Because 3.5-inch mechanisms are not buffered in the same way, if they do go wrong you will know all about it. Some of them have very long spin up times as well, so you may not be able to cold boot from them. Other than that, it should work perfectly well with your A1200.



An A500 SCSI drive like this one can be connected to an A1200 thanks to a new product from HiSoft.

drive mechanism to your A1200. Contact HiSoft on 01525 718181. You can access the hard drive from the A1200 via the A500 using ParNet, but it's not very fast. Because CD³² lacks a parallel port, you will have to use SerNet to access it from there. You could do both simultaneously.

POWER HOUSE

I own an A1200 with a 127Mb hard drive, a
Blizzard1220/4 memory board and a Cumana
CAX external drive. The problem is that when
most programs try to read a disk in the secondary
drive I keep getting a window saying something
like read/write error and giving me some
numbers. Sorry this is a bit vague, but I'm at
university and I have left the Amiga at home.

I have Quarterback and this seems to run OK with the drive. Plus I used to have the drive connected to my A500 and it worked fine. I remember a command called Failat, so I've tried to find if this is set at a low value for the drive but have not been able to locate the command.

One other question: I have been told if you have lots of things plugged into your Amiga you should upgrade your PSU. Have I reached this limit? I think if I have too much connected the machine would have crashed but this seems a risky way of finding out the limit. Somebody has also told me I could use the power-pack from my old A500. Is this true? I would hate to try only to fry 800 quid's worth of computer.

Glenn Matthews E-Mail

The drive may not be at fault, it could be the disks. How many have you tried? Do they work in the internal drive? If an unfeasible number of disks are behaving in this way, the likelihood is that the drive is out of alignment, so you need to take it apart and adjust the alignment screw.

Failat is a command used in AmigaDOS scripts to detect or ignore particular events, like missing files or break commands. This has nothing to do with the operation of your disk drive.

The older power supplies work with an A1200 and give better results when you are jam-packed with add-ons. I think you'll find that you are operating at the limit of your old power supply, particularly if your RAM expansion is full.

C CHANGE

I'm trying to write a simple database, but have got stuck at the first hurdle. I made a struct like this:

struct record { char name[10]; char address1[20]; char address2[10] etc etc. } person

INTERNAL TROUBLE

I own an A1200 (doesn't everyone these days?) with an MBX1200z expansion with 4Mb RAM and a 33MHz 68882 FPU. I also have connected a second double-sided double-density disk drive and a CanonBJ10e printer.

Until a month or two back I also owned a 200Mb internal IDE hard drive. My hard drive had no warranty cover and (obviously knowing this fact) it stopped working. One day when I switched on the Amiga, instead of booting from the hard drive, I just got the WB3 prompt – as if my hard drive's boot partition had been wiped.

I now have a two-year warranty with ICL for my A1200 and they have told me there is nothing wrong with it. Thus I have a 200Mb IDE hard drive which, when I tried to prep it with Commodore's HDPrep software, gave me a Not Changed prompt in the status window – I used the default parameters written on the disk for prepping and tried to write these to the disk. The ICL engineer tried the hard drive on another

A1200 and got the same response. I have taken the hard drive from the A1200 but don't know how to get it fixed. If you don't have any ideas, could you suggest someone (preferably on E-mail) or a dealer who can help me out?

Naeem G Ahmed (N.Ahmed@cs.ucl.ac.uk)

It seems as though you have a sick drive, and if there is something wrong with the electronics then you may as well chuck it. You say though that HDToolbox reports its status as unchanged, which suggests that it knows the drive is there. Have you tried formatting the drive (not lowlevel formatting it, as we all know that that is the one sure way to irretrievably destroy an IDE mechanism) from Workbench?

If you boot up from Workbench does the drive appear at all? If you boot up and hold down both mouse buttons, does the drive appear listed in the boot menu? If all else fails, give Trilogic a call on 01274 691115.

and tried to access it with something like: person.name="nick"

but this gives all kinds of errors.

Please help me, and ignore all the typos, but vi on UNIX is shirte (woops, there it goes again).

Nicholas Alexander, Dudley, West Midlands

You haven't started too badly. You have declared a structure more or less. It should go like this:

```
Struct record {
    char *name;
    char *address1;
    char *address2;
    char *address3;
    char *phone;
}
```

Now the structure is there, but no records have been set up. To do this you need to declare an entry, or more usefully an array of entries:

```
Struct record entries[50];
entry[1]= {
    "plop", "Plop House", "Plop lane",
    "Plopbury", "0898 311322"
};
```

So there you go. Make sure you differentiate between the structure name and the array name, and all your problems will be solved.

PC FORMAT

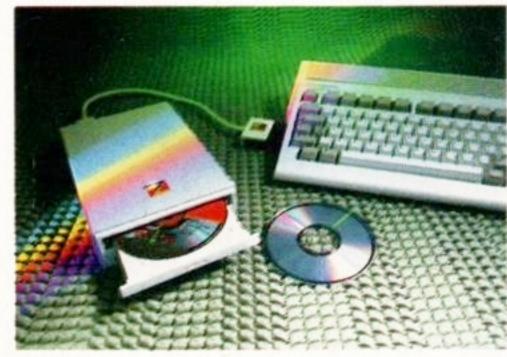
I am currently at college and have to do all of my coursework on PCs running Windows 3.0 and AmiPro 3. My question is this: is there any way to convert text files from an Amiga word processor such as Wordworth 3 or Final Writer 2, to a format that AmiPro understands? Would CrossDOS be suitable for this purpose, or is there any way to get hold of filters which would enable me to save out text files in AmiPro format, and load them back in Amiga format?

Failing this, is there any way to convert the files to Word Perfect format?

Adam Nickells, Exeter, Devon

You should be able to read standard ASCII files in any decent word processor, including those on the PC. You may find you have some trouble with linefeeds, but you can change the translation settings in the *CrossDOS* commodity. This is exactly the sort of thing that *CrossDOS* was bundled with Workbench for.

ZAPPO CD-ROM DRIVE



If you've got a Zappo CD-ROM drive, you can boot straight from CD by following this handy tip.

Here's a small tip for everyone with a Zappo CD-ROM drive. Reset your A1200 as normal, but instead of holding down the left mouse button, just hold down the Ctrl-button on your keyboard.

This way you boot straight away from the CD. It's much simpler and faster than holding down the mouse button and selecting the boot option in the menu. Strangely, this shortcut is not in the manual.

I M Steemers, The Netherlands

Well, thanks very much for that excellent tip. If other readers have any tips for using various configurations of hardware and software, please send them in to Workbench.

DISK BOTHER

I have an A600, expanded to 2Mb with a second Zydec disk drive. My internal disk drive developed an annoying sound – a series of short clicks – whenever a disk was being accessed or written to. This was more of an inconvenience than a problem. Then came a major headache.

My Workbench 2.05 has now become a Read Only disk. Thankfully, it was a back-up, but I can't take another copy of it because it is Read Only. I can't even format it and start all over. The only solution I can think of is to format it to a PC disk and then re-format it to an Amiga disk.

When I was decompressing the *Blitz Basic*Coverdisk (*AF52*), another disk went the same way.
Both disks were write enabled and I was
wondering whether you knew if it is a dead disk
drive, a virus or something worse.

Tony Anderson, Billericay, Essex PS. Since writing this, I have just tried to save it on to a disk and that has gone as well! Help!

I reckon that the little pin that sticks out to check whether the disk is write enabled or not is broken, missing, or at a funny angle. You should take apart the drive and see if the pin (on the left side facing) goes through the hole or not. If it doesn't, fix it in the proper place with some very strong adhesive, such as Araldite.

PASSING THE PORT

I have got an A500 with an A570 CD-ROM and an A590 hard drive. Both use the side expansion port, but neither have a thru port so unfortunately I have to keep removing one to use the other. Is there any way that I can have them both connected at the same time?

Kevin Hammond, Rustington, West Sussex



The A570 is a popular CD-ROM choice for the A500, but can't be used at the same time as an A590 hard drive.

Unfortunately, the answer is no. Theoretically, you could make an expansion doubler and do it, but in practice the interference generated by the hard drive and the CD-ROM would stop either from working properly.

LETTER FROM ISLAMABAD

Please answer my questions and solve my problem because my only source of Amiga knowledge is reading *Amiga Format*.

- 1. If I buy an A4000 with a 24-bit graphics card such as the Retina ZIII, EGS Spectrum or Talon, what would it be lacking compared to the future AAA machines in terms of graphics capability? The Talon card from DKB features a built-in 64-bit display controller, will this card make the AGA machine fully AAA compatible?
- 2. If I buy a Multiscan monitor with 0.26 mm dot pitch and frequency range of 23.5-86KHz horizontal, 50-120Hz vertical, will it show all the standard Amiga resolutions, PC SVGA and the highest possible resolutions that a 24-bit card could produce?
- 3. Are the 64-bit (RISC) processor chip and the forthcoming Motorola 68060 processor the same thing? Will I be able to replace a 68040/25 with a RISC processor?
- 4. I know that there are two kinds of PC emulators widely available for the Amiga. One is the Bridgeboard type such as Commodore, Vortex, and G Gate and the other one is the Emplant 486 DX Emulisation Module. They both claim to provide

Continued overleaf ⇒

PRINTER PROBLEMS

I wonder if you can help me with a printing problem on an A1200, fitted with a 120Mb hard drive and a 6Mb memory expansion, a Canon bubble jet with the Canon printer driver, Epson Q driver or Digita 9-Pin Driver set in preferences.

When printing in Final Copy, Final Writer and Pagestream 2.22 the output is not as dark as it is in Wordworth 2, the graphics output in Wordworth is not particularly good and the text output is not dark enough in Final Copy, Final Writer and Pagestream.

Unfortunately, as it points out in the Wordworth manual the Digita 9 Pin Driver can only be used with Wordworth. The question is how can you get the other programs to print text as dark as Wordworth?

Neil Murtagh, Dalgarven, Kilwinning, Ayrshire

Yes, I imagine that the situation you describe could cause problems. Basically, it all boils down to the fact that the Workbench printer driver isn't up to the job. Wordworth probably doesn't dither the graphics in the same way as the other



Using a Canon bubble jet with Wordworth can be a problem because of the program's dithering set-up.

software, meaning that the Wordworth pictures aren't quite as nice as the ones on the other programs. Basically you are stuffed unless you get a driver written specifically for the printer.

The only solution I could suggest is that you choose a black and white mode instead of greyscale, so that the text comes out black. Has anyone else got any ideas about how to tackle this one?

169

CSG

70-03

BM 19

991 14

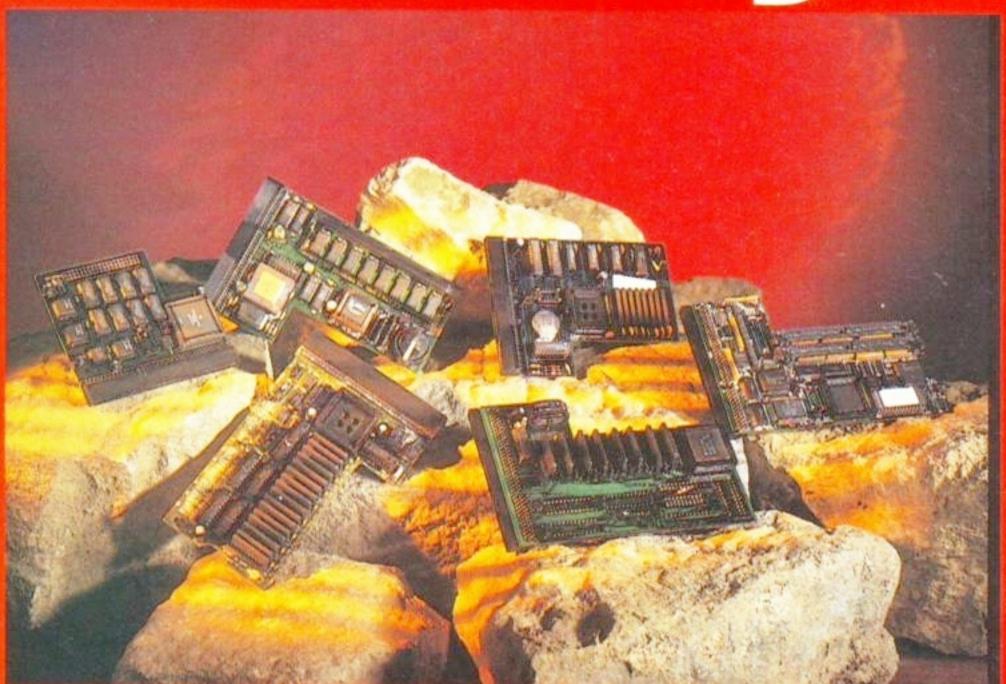
- full PC compatibility at top speed. Why is there such a great difference in price between the two? *Emplant* costs £95.90 from Hobbyte but the Bridgeboards cost several hundred pounds more.
- 5. If I buy a PAL A4000 and try to run NTSC versions of the software will they work, and will PAL software run on an NTSC A4000? What configuration change is required to convert an NTSC A4000 into an A4000 with a PAL system?
- 6. How much of the serious Amiga software such as word processors, DTP and graphics programs is available on CD-ROM? I read in a back issue of *Amiga Format* that *Vista Pro V3.0* is now available on a CD-ROM, do you know where I can find it?
- 7. I want to buy a 3D rendering program such as Lightwave, Imagine 3.0 or Real 3D 2.0, which is the best one? I have got the Amiga Format Imagine 2.0 Coverdisk (AF53), can I still upgrade to Imagine 3.0 by using the form in that issue?

 Ahsan Shamin, Islamabad, Pakistan
- 1. Graphically, I would think that it would compare well. You have to take into consideration that it may not be fully compatible with any AAA hardware which may be released.
- 2. It will not show any of the PAL lo-res modes, as used by many games, which could be a problem. It would need to sync down to 15.6KHz for normal Amiga screenmodes. You could however use Productivity and DoublePal modes, and possibly Super72. Basically, it works for everything that runs through Workbench because you can select mode promotion and force everything into DoublePal at least.
- 3. These are not the same thing at all. The 68000 series is based on CISC technology, the RISC chips are quite different. They will not be pin-for-pin replacements. See our RISC feature in AF66 for an in-depth explanation.
- 4. The reason the *Emplant* emulator is so cheap is that the PC module is an add-on to the *Emplant* system you need the *Emplant* hardware to run it. It will probably be a lot better than the Bridgeboard type, but it is not released yet. Look out for the review in *AF* when it does appear.
- 5. The A4000 was designed to run in PAL or NTSC. You can set this with the boot menu, or if it is a more permanent change, there is a jumper on the motherboard to switch between the modes. Most NTSC software runs on PAL machines, particularly stuff written in the last two years.
- 6. None really. CD-ROM drives are, apparently, not common enough among Amiga owners to make it worthwhile. There is a CD version of *VistaPro*, but only for the PC.
- 7. Lightwave is certainly the best of the 3D rendering bunch, but if you can't afford it,
 Meridian are still doing good deals on Imagine 3.0.
 Call them on 0181 543 3500.



A whole new world of 3D rendering is at your fingertips with programs such as Lightwave and Imagine.

In-depth explanation Memory



RAM expansions can help you get even more out of your Amiga, but before you rush out and get yourself all memoried up, work out how much you need and whether you require Chip RAM or Fast RAM.

- There are two different ways in which your memory is used on the Amiga. Chip memory is interfaced to the DMA (Direct Memory Access) bus, allowing it to be accessed directly by the CPU or any of the custom chips. Because of this direct access, it is often slower than Fast RAM. Fast RAM can be accessed only by the CPU.
- 2 The amount of Chip memory you can add to your Amiga is determined by the Agnus chip. Older A500s can only access 512K of Chip RAM. Later versions of Agnus allowed 1Mb or 2Mb of Chip RAM to be added. All new Amigas are capable of having 2Mb of Chip RAM, which is fitted as standard to the A1200.
- 3 Older sound samplers and most art packages are limited by the amount of continuous Chip RAM they can access. This is because they use the graphics (Agnus or Alice) or the sound (Paula) chip's ability to address the Chip RAM directly to perform some tasks.
- 4 Some utilities, either provided with Workbench or available from Public Domain libraries, help make the most effective use of your memory. The most useful of these is FastMemFirst, which forces programs to use Fast memory in preference to Chip memory.
- 5 Almost all memory which is added externally to the Amiga is Fast memory. There are many different type of Fast RAM expansion.
- The trapdoor slots on the A500, A500+, A600 and A1200 are one area used by most third party manufacturers as a path to add expansion memory. Depending on which Amiga you have,

- vast amounts of memory can be added this way. Even the humble A500 can have 4Mb added via the trapdoor slot, although this does require some hardware modification.
- 7 RAM is usually added to the A1500 and A2000 by a Zorro card. Because of their versatile design, almost any memory package is catered for.
- The main types of memory packages available are DIPs (Dual In-line Package), ZIP (Zig-zag Inline Packages) and SIMMs (Single In-line Memory Module). All have their advantages and disadvantages, but mostly the preference is dictated by which is currently the cheapest, due to fluctuating world demand.
- Expansion port add ons for the A500 and A500+, such as hard drives, often feature the ability to add extra Fast RAM. The Commodore A590 does so by way of DIPs, whilst the GVP HD8+ uses SIMMs.
- Memory for the A4000 or the A1200 should be 32-bit wide memory, which is more expensive but much faster than the 16-bit memory used by older Amigas.
- Memory can have different speeds, which can make a difference to memory-intensive processing tasks. Access times for an average memory device is around 90 nanoseconds.
- 12 The SIMMs used by most Amigas should be double-sided 72-pin packages. Most expansions will use SIMMs designed for PCs (which have an extra parity bit), but generally GVP expansions will not work with these SIMMs.

Weird Science

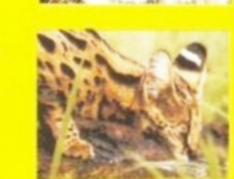
CCD FROM ALL GOOD CD STOCKISTS

Multimedia Toolkit CD

AN AMIGA CD. COTV & CD32 APPLICATION

CONTENTS

OVER 10,000 FILES 500 24 BIT IMAGES ALSO IN HAM8 & HAM 1308 COLOUR CLIP ART 2139 MONO CLIP ART 93 SCALEABLE CLIPS 750 MUSIC MODULES 2300 SAMPLES 195 BITMAP FONTS
120 COLOURED
FONTS
107 ADOBE FONTS
80 POSTSCRIPT
FONTS
79 CG FONTS



PC COMPATIBLE IN 1809660 FORMAT

ONLY £ 19.95

FONTS CD

A complete CD dedicated to Fonts for the Amiga range of computers. Also PC compatible. The following formats are catered for, Adobe, CG Fonts, Coloured, Postscript, Prodraw, IFF, PCX, Pagestream, Truetype, Calamus and GDOS. Adding up to the most complete CD of Fonts for the Amiga ever. In total over 18,000 files in 900 directories. All ready to use and easily accessible in type directories.

CLIP ART CD

Over 550megs of Clip Art for Amigas and PCs. The most comprehensive collection of Clip Art ever for the Amiga range of computers. In total over 26,000 files. The following formats are catered for, B&W Iff Bitmap, Coloured Iff Bitmap, Proclips, EPS, Pagesetter, Pagestream, IMG, Corel Draw and coloured brushes for DPaint All ready to use and easily accessible in subject directories.

CONTENTS OF CLIPART CD

15,000 + Mono Bitmap & 1300 Coloured 1500 EPS, 6900 IMG, 93 Pagesetter 290 Pagestream, 86 Proclips, 120 Corel 98 Printshop and 640 Brushes for Dpaint

CONTENTS OF FONTS CD

2000+ Adobe & CG Fonts with PS Fonts 500 Bitmap, 190 Coloured, 240 Iff 139 Pagestream, 24 Prodraw, 500 Truetype 132 PCX, 300 GDOS & 230 Calamus

AMIGA & PC Compatible





Clip Art CD & Fonts CD Only £ 9.99 each

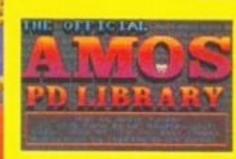
Amos CD

THE OFFICIAL AMOS PD

LIBRARY ON COMPACT DISC

The Official Amos PD Library is the largest source of Amos related source code and programs in the world today. The library is run by Len-& Anne Tucker and is endorsed by Europress Software, the publishers of Amos and Amos Pro. This compact disc contains the entire library from disk 1 to 620, each one arranged in it's own directory and catalogued. The disc contains in excess of 33,000 files with over 1600 Amos source code files, 100 sprite banks, 260 Ctext banks, 800 samples, numerous music banks and several extensions to Amos & Amos Pro. Workbench. is also included as are Pamet and Semet to allow transfer of the contents across a network from both the CDTV and the CD32. This CD is truly a testament to the immense following that Amos and Amos Pro has achieved in the past few years and represents thousands of man hours of writing Amos code which will prove to be an invaluable source of help and tuition to the Amos user. The Amos PD Library contains many games and Utilities which will prove interesting to the Amos user and non-Amos user alike. Imagine the entire contents of a PD. Library on one CD. All this for only

£19.95



Compatible with all Amigas



Network CD

SIMPLE NETWORKING TOOLS FOR AMIGA CD

The Network CD sets up a link between a CDTV or CD32 and any other Amiga. The CD32 or CDTV acts as a remote drive for your Amiga, allowing access to the vast pool of data available on CD Rom. The CD32 cable also available uses the AUX socket of the CD32 and comes complete with a keyboard pass through, thus still maintaining the ability to connect FMV or SXI addons. Network CD sets up a Workbench environment and disables the reset function, allowing the CD to be changed and access to any other ISO9660

CONTENTS

Parnet & Sernet
NComm & Term
Twin Express
Fred Fish 800 to 975
Amos PD 478 to 603
74 Utility Disks
PhotoCD Conversion
500 Images in 256 cols.

Network CD £ 14.99 CD³² Cable £ 19.95 Parnet Cable £ 9.99



SOUNDS TERRIFIC

A double CD pack containing over 1.2 Gigabytes of musical and sounds data for the Amiga and IBM PC computers. It all adds up to the most complete collection of sounds on any platform and will form vital part of any musicians CD collection.

CONTENTS of Sounds Terrific

4600 Modules, 14,000 Amiga Samples
568 Sonix Scores & 4500 Instruments
302 Octamed/Med Modules, 1190 Midi Files
1552 Voc & 642 Way Samples
Utilities for both Amiga & IBM PC
Amiga and PC Compatible

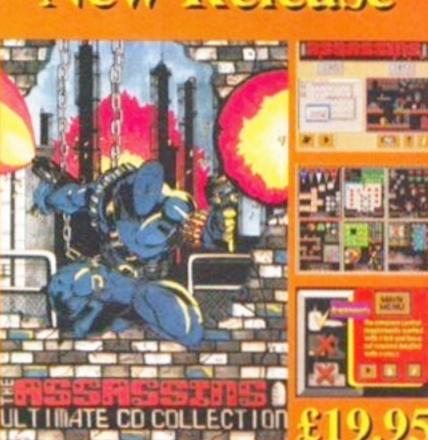
Double CD £19.95

Also Available
Aminet 3 - £ 19,95
Aminet 4 - £ 19,95 (NEW)
LSD CD 1 - £ 19,95 (NEW)
Meeting Pearls - £ 19,95 (NEW)

ORDER HOTLINE 0116 234 0682

Access & Visa Welcome

New Release



senseins CD for the CD32

650 + games for the CD³², CDTV & Amiga CD. Ready to run from a simple MENU system. 100% CD³² compatible. Also includes Assassins floppy disks 1 to 200 archived easily copied back to floppy. Workbench, Parnet & Sernet included.

Weird Science Tel. 0116 234 0682 Fax. 0116 236 4932

1 Rowlandson Close Leicester Leics. LE4 2SE

TRADE ENQUIRIES WELCOME

BOOKOFFERS Everything you need to know to get into A1200 CD-ROM



Add a CD-ROM drive to your A1200 and you'll be able to access the ever-expanding range of Amiga CD based software and enjoy CD³², audio CD and CDTV compatibility.

> This new book tells you everything that you'll need to know about CD-ROM, how it works, the ever expanding range of software that is available and future industry plans to exploit the full potential of this exciting new medium.

2 FREE CD-ROMs!

Included in the book are two FREE CD-ROMs packed with hundreds of megabytes of useful utilities along with demos of the latest games that utilise the full potential of CD-ROM.

Includes a comprehensive glossary to help you unravel desktop video jargon and terminology.



AREXX

A1200s, CD-ROMs,

Tou Need To Know

ore the future of

and the Things

ARexx could be your Amiga's single most important asset.

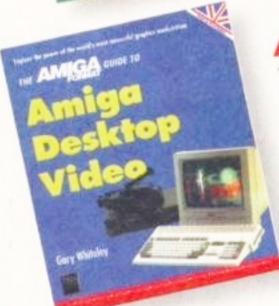
It's a powerful programming language in its own right and it lets you create time-saving automated scripts for the increasing number of commercial programs that support it. In fact, ARexx is purpose built for multi-tasking operations, just like your Amiga!

Steve Faragher



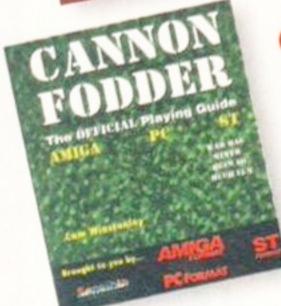
SYNDICATE **PLAYING GUIDE**

Find out how it's done with this Syndicate Playing Guide. You'll find full walk-through instructions and grabs of the key moments for all 50 missions of Syndicate. Now there's no excuse for losing!



AMIGA DESKTOP VIDEO

The Amiga is the world's premier low-cost graphics workstation. But its basic power, built-in expandability and ever-widening range of quality software and add-ons mean it's capable of highly professional results. All it takes is the know-how... and all the know-how is right here!



CANON FODDER PLAYING GUIDE

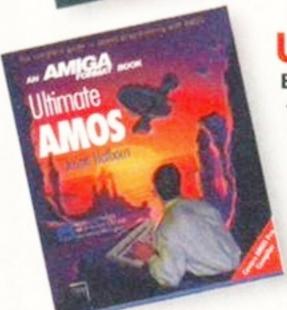
Don't get killed! Find out how to beat the game with this new book. Inside its pages you'll find all the hints and tips that you'll need to survive and conquer in the Cannon Fodder war zone.



THE POCKET WORKBENCH & AMIGADOS REFERENCE

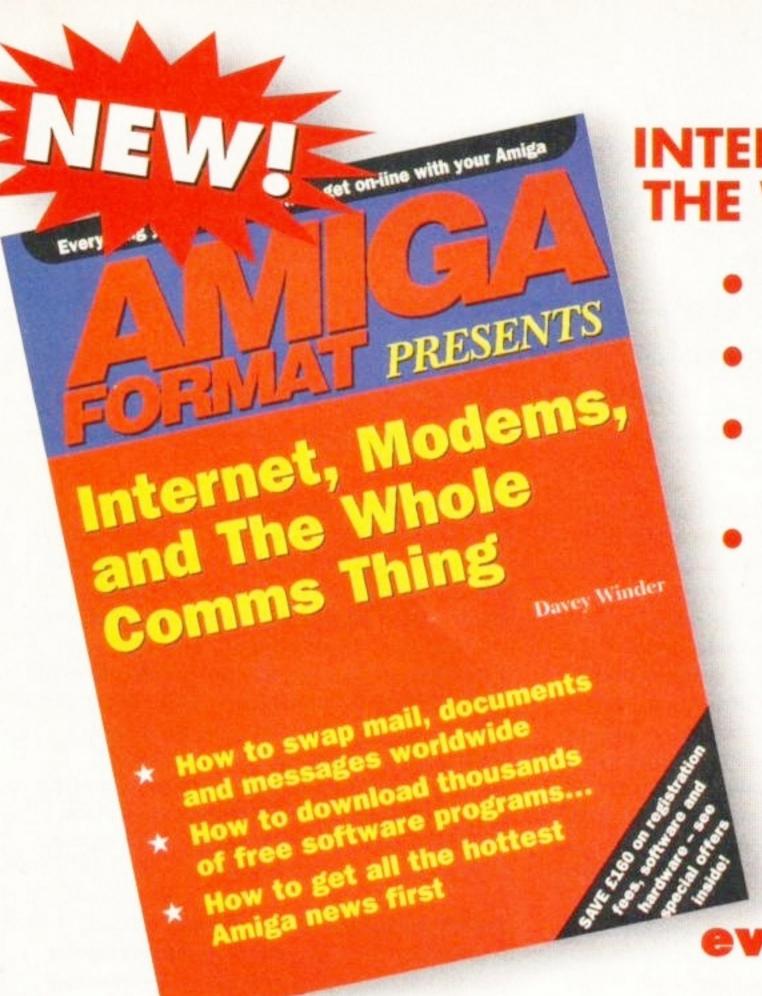
If you've just got your Amiga, Workbench and AmigaDOS can be confusing - unless you've got expert help on hand.

This handy pocket guide is spiral bound to lie flat while you use it and is designed as your Amiga's indispensable companion.



ULTIMATE AMOS

Explore the full potential of AMOS with easyto-understand descriptions, diagrams and dozens of example AMOS routines. All you need to produce your own Amiga games is a smattering of BASIC knowledge, AMOS and this 400 page book! It includes a disk with all the author's routines and four skeleton games.



INTERNET, MODEMS AND THE WHOLE COMMS THING

- How to find your way around the Internet, Cix, CompuServe and other major networks.
- Bulletin boards: what are they, who runs them, what do they do and how are they run?
- You've got an Amiga and you've got a modem – now how do you make them talk to each other?
- Make new contacts, obtain technical support, download software, join special interest groups and much more!

SAVE £££s

Over £160 to be saved on network registration, software, hardware and on-line services – see the vouchers inside the book!

every book order

AMIGA SHOPPER PD DIRECTORY

Worth £14.95, you'll receive a copy of this comprehensive PD directory FREE when you order any of the books featured in these Amiga Format Book Offer pages. Within its pages you'll find details of over 700 applications, utilities and programs for your Amiga.

This offer is open whilst stocks last and is limited to one copy per order.

CREDIT CARD HOTLINE - 01225 822511

Amiga Format Priority Order Form

Name	Pleas	e send me (tick as appropriate):					
		Ultimate AMOS	FLB025A	£19.95			
Address		Pocket Workbench & AmigaDOS Reference	FLB017A	£9.95			
		A1200s, CD-ROMs, & the Things You Need to Know	FLB5262	£19.95			
		Internet, Modems, and the Whole Comms Thing	FLB122A	£19.95			
		The Official Cannon Fodder Playing Guide	FLB5254	£9.95			
Postcode Telephone		Syndicate Playing Guide	FLB5157	£14.95			
		Amiga Desktop Video	FLB084A	£19.95			
Signature	V	Amiga Shopper PD Directory	FLB114A	£14.95*			
		*Free with every	y order whils	t stocks last			
Amount enclosed £ (Make cheques payable to Future Publishi	.) All prices includ	All prices include postage and packing					
Method of payment (please tick one): VISA ACCESS CHEQUE POSTAL ORDER							
CARD NUMBER		Expiry date:					
Tick if you do not wish to receive direct mail from other companies							

Now send this form and your payment to: Future Book Orders, Future Publishing Ltd, Freepost (BS4900), Somerton, Somerset TA11 6BR. You won't need a stamp when you post this order and postage and packing are free. There are no extra costs. Please allow 28 days for delivery. AFMAG67

Better by design

Part

This month Richard Jones looks at designing a newsletter and explains what makes good and bad design and why some of the rules of newspaper production apply to the world of DTP.

ne of the many uses you can put your DTP package to is the production of a community newspaper or club newsletter. We see quite a few examples of newsletters at AF and to be brutally honest a lot (not all) of them are terrible.

The content is often fine but the presentation leaves a lot to be desired, yet the newsletter is one area where form and content go hand in hand no matter how good the writing, it has to be presented in an attractive and easy-to-read way if you want to encourage people to read it and get your message across clearly.

The two examples on the opposite page are of good design and bad design. Nobody expects you to create masterpieces straight away, but by following a few simple rules that have their basis in newspaper production, you should be able to create an attractive newsletter.

The key elements that make up both pages the number of columns (six), the masthead, the pictures and the advertisement are identical but using them carefully and employing a few simple techniques makes all the difference.

The annotations on the opposite page highlight some of the specific faults and good points of the two page designs, but let's consider some of the general elements of desktop publishing and look at how they have their basis in techniques developed in newspaper and, to a certain extent, magazine design.

Columns: In many ways standard column widths are a completely redundant concept in desktop publishing because you can draw a text box across. any measure you want and then join it to a text box across any other measure. For example, the first two paragraphs in the lead story on the Good Design page are in one text box which has been linked to text boxes across a different measure.

However, just about every desktop publishing program encourages you to work and think in columns, by giving you the option to determine the number of columns on a page when you first create a document. Most newspapers are still designed very much along the concept of columns where text is usually set across either one or two columns and sometimes across one and half columns - two legs of text across three columns.

Part of the reason for this is historical. In the days of hot metal production, which was only 10 years or so ago, newspapers just didn't have the flexibility offered by desktop publishing programs to quickly change page designs. So, a standard column measurement was a practical means of production. The other reason newspapers, and the pages opposite, use columns is advertising the most efficient way of selling advertising is to give prices per column centimetre. So, in our examples the Amiga Format ad is set across two columns, meaning that the page grid is made up of six columns. But working in columns can restrict creative design - understand why you need them and then ignore them.

Headlines: One of the most liberating aspects of desktop publishing is the ability to change the size of text by a single point. This may not sound any great shakes until you consider that newspaper headlines traditionally stick to very strict type sizes: anything other than 18pt, 24pt, 30pt, 36pt, 42pt, 48pt, 60pt and 72pt was not, and in some cases still is not, allowed. If your headline didn't fit across your given measure in any one of those sizes, tough, you just had to start all over again.

By being able to set your headline in any type size you are able to build your page around the headline, a very different concept to writing the headline to fit the space available.

Working around advertisements: This is a problem that rarely troubles magazine designers because ads hardly ever appear on the same page as editorial. If you have advertising in your newsletter, then you need to plan your page around it.

In the Bad Design example, double column text has been placed directly on top of the double column ad. This gives the impression of extending the ad and distracts both from the impact of the text and the ad. In the Good Design example the text is set across a different measure than the ad, it's in a box and in a bold font, drawing attention both to the text and the ad. If you have advertisements in your newsletter, always rule them off or put them in a 2pt box to separate them from text.

SPECIAL

SUBSCRIBER'S-

ONLY OFFER!

TV*TEXT UPGRADES

USING COLOUR

You don't need to go to the expense of using full colour to add colour to your pages. It's actually possible to give the impression of colour with a black and white program (such as the PageSetter 2 Coverdisk from AF63) by putting text on a tint background and using white text on a black background - this is known as a WOB (White On Black).

You can also add colour by printing your documents on two plates - one black and one of either the Cyan, Yellow or Magenta plates. For example, our rather excellent Backstage subscribers' newsletter is printed on two plates. Any colour other than black on the document (in this case a rather pleasing green) is printed on the second plate of film, and you then tell the printer what colour ink you wish the second plate to be printed with.

It can be tempting to go overboard with a second colour and use it too often on the page - you then lose the contrast between the black and the second colour which rather defeats the object. If you intend to use a second colour it's worth talking to the film bureau and the printers to find out exactly how they want you to prepare your document for output and printing.



Using a second colour is a fairly simple process but can ,make all the difference to a document's presentation. We regularly use a second colour in our exclusive subscribers-only Backstage newsletter.

45p Thursday December 15

AMIGA WEEK

work in making

Format the best

Amiga magazini

the world's best-

lagazine was

selling Amiga

oday voted lagazine Of The

Amiga Format

AP team get final

warning

Staff at Amiga Power have been told to 'grow up and stop playing games all the time' according to a source close to the

The row started when a company director wandered into the AP office while ooking for the toilets and found the entire

mes all day! "Staff at Amiga Power

The row started when a company

director wandered into the AP office while

looking for the toilets and found the entire

"It's a bloody disgrace," he said. We

pay these vobbos to work, not play games all day! "Staff at face a Bauer have been told to 'grow up and stop playing games all the time' according to a

director wandered into the AP office while

looking for the toilets and found the entire team playing video games. "It's a bloody disgrace," he said. We

Publisher bites dog!

surgery in Bath today after being bitten

by a man described as a publisher.A

surgery in Bath today after being bitter by a man described as a publisher.

Issue 68

Thursday

Innuam 47

dog was recovering at the RSPCA

have been told to 'grow up and stop playing games all the time' according

'it's a bloody disgrat pay these yobbos to work, not play

team playing video games.

source close to the team.

The row started when a co

pay these yobbos to work, not play

A dog was recovering at the RSP

AF wins mag prize

world's best-selling Amiga magazine was today voted Magazine Of The

Jarratt made an

at the award

emotional speech

ceremony in which he paid tribute to the AF team and

aeroplane

Carey for their work in making

Format the best Amiga magazine in

magazine was

The Steve

Magazine Of The Year. Editor Steve Jarrett made an

emotional speech at the award

Editor Steve rratt made an notional speech at the award eremony in which e paid tribute to he AF team and specially to ublisher Steve arey for their work in making ormat the best miga magazine in

Amige Format the world's bestelling Amiga gazine was day voted Magazine Of The

Editor Steve

emotional speech publisher Steve

plea to Shopper

Angry staff at Future Publishing have pleaded with Tricky Dicky Baguley to keep

The Shopper crew are disrupting roduction at uture by playing

The Amiga Format team celebrating their Magazine Of The Year award yesterday. he paid tribute to

Keep noise down

crew are disrupting magazine production at future by playing loud music in their

crew are disrupting magazine

BAD DESIGN

Headline doesn't fit: White space can be used to great effect in design, but not like this. The headline is so short it looks as though something is missing and the eye is drawn away from the text to the yawning white space.

All fonts are the same: This page is a disaster, but it might have looked slightly better if it included a bold typeface or at least a different font.

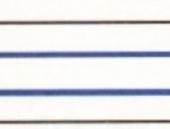
Text not boxed off: The double column text would be more effective if it was ruled off from single column text.

> Bad use of text: By placing double column text on top of a double column ad the effect is to extend the ad and distract from the text.

Text flows badly: The text is broken by the picture several times and jumps from near the bottom of the column to the top, making the eye travel almost the entire length of the page to read the story.

Pictures badly used: All the images are situated towards the bottom left of the page drawing the readers' attention to that section of the page.

> No horizontal stress: The page reads from top to bottom - there is nothing to break up this 'wallpaper effect'.



Thursday December 15 Seriously Amiga: The Steve Jarratt interview

VALUE 44114 an aeroplane

AP team

get final

warning

Itaff at Amiga Fowe save been told to

eying games all the

irce close to the

The row started

hile looking for the ilets and found the

tire team playing dec games. 'It's a bloody

igrace," he said. We

Publishe

bites dog!

then a company firector wandered nto the AP office

grow up and stop

AMIGA WEEK

AF wins top

publisher Steve be their work in making Format the best Amiga magazine in Britain. I don't know what I'd

do without them, the whole tream is totally lab," said Jarratt. Especially that Richard Jones bloke." "I don't know what I'd do without them, the whole tream is totally

Especially that Richard "I don't know what I'd

nagazine production

at Future by shouting.

By Harry Hardnose

whole tream is totally fab," said Jarrett. Especially that Richard Jones bloke. "I don't know what I'd

do without them, the whole tream is totally fab," said Jarrett. "Especially that Richard Jones bloke." "I don't know what I'd

The Amige Format team celebral Year award yesterday.

"I don't know what I'd

Jones bloke." do without them, the whole tream is totally fab," said Jarratt. "Especially that Richard

on sale Thursday

January 11

GOOD DESIGN

Filling white space: This headline didn't quite fit either, but instead of leaving it as white space, the Exclusive! logo fills the gap and increases the impact of the page.

Hampers and anchors: A device such as this to 'lock' the top of the page is known as a hamper (don't ask us why). A story that lends horizontal stress and weight to the bottom of the page is, for more obvious reasons, known as an anchor.

Intro text highlighted: The reader's eye is immediately drawn to the most important part of the page the first paragraph of the lead story. This is achieved by using bold text a point size bigger than the body text across a wide measure.

Different type sizes: The first paragraph is in 10pt bold, the second paragraph is in 9pt and where it changes measure and goes into the narrower column width it goes into 8.5pt. If it stayed at 9pt it would look too big across the narrower measure.

Bastard measure: Although the page is based on a six column grid, there's no need for the text to be flowed straight into the grid in six columns. Altering the width of the columns helps break the monotony of the text. A column of any width other than that of the standard column width is known as a bastard measure.

> The filler: It's always a good idea to have a stock of filler stories handy ones that can be used to fill awkward gaps at the bottom of columns.

Good use of fonts and typefaces. By putting the two smaller stories on the page in a different font and making them bold they are given impact without distracting from the lead story.



do without them, the whole tream is totally fab," said Jarratt. "Especially Jones.

do without them, the whole tream is totally

fab," said Jarratt. "Especially that Richard "I don't know what I'd

Jones bloke."

"I don't know what I'd do without them, the whole tream is totally

Issue 68

Keep the noise down plea to Shopper Angry staff at Future are disrupting laughing and playing Publishing have pleaded with Amiga loud music at all Angry staff at Shopper aditor Future Publishing have pleaded with hard 'Tricky Dicky' loud music et all Seguley to keep his Amiga Shopper editor Richard 'Tricky Dicky' Angry staff at Future Publishing The Shopper crew

Beguley to keep his staff under control

The Shopper crew

magazine production at Future by shouting laughing and playing

The Shopper cres are disrupting have pleaded with Amiga Shopper edito

Richard 'Tricky Dicky'

magazine production at Future by shouting laughing and playing get music at all

Seguley to keep his

staff under control.



Tel: 0181-546 9575 Fax: 0181-541 4671

COMPUTERS AND MONITORS DEDAIDS WHILE-II-WAITIII

* AMIGA A500/A500+ REPAIRS WITHOUT DIAGNOSTIC FEES

* FIXED CHARGES (A500 AND A500+ ONLY)

* FAST TURNAROUND

* MANY COMPUTER REPAIRS DONE WHILE-U-WAIT

* WE PROVIDE PICK-UP SERVICE FOR REPAIRS FOR ONLY 66-00 + VAT

(A500 & A500+ only) including NEXT DAY DELIVERY (if picked up by us) by Courier Service when despatched back

MEMORY UPGRADES

Upgrade to 1 Meg Upgrade to 1 Meg with Clock

Upgrade to 1.5 Meg Upgrade to 2 Meg

A500

€12-95

€17-95

A500+

£12.95

€19-95

Upgrade to 2 Meg

Upgrade to 2 Meg

A600

€22-95

€27-95

A1200

All A1200 Memory upgrade prices P.O.A.

PRINTERS

HP Range P.O.A.

MONITORS

P.O.A.

AME DAY DESPATCH (Subject to availability)

FLOPPY DRIVES for A500, A600, A1200

IDE HARD DRIVES

Ring for

£35.95

2.5" FOR A600, A1200 Best Prices
CHIPS, SPARES, ACCESSORIES

KICKSTART ROM V1-3£24-95	CIA£9-95
KICKSTART ROM V2.04£29.95	Video DAC Chip (A1200)£19.95
KICKSTART ROM V2-05£34-95	68000£14-95
A500/A500+ Keyboard£44.95	6570 Keyboard Chip£19-95
A600/A1200+ Keyboard £69.95	Mouse (290 dpi)£14-95
A500/A600/A1200 PSU£27.95	Scart Lead£14-95
1 MEG FATTER AGNUS£34-95	Mouse Mat£3.95
2 MEG FATTER AGNUS£39-95	Dust Cover£3-95
PAULA£19-95	10 Unbranded Disks£4-95
GARY£11-95	Printer Cable£9.95



★ All prices include VAT ★ All prices subject to change without notice
 ★ Fixed charge for repair does not include disk drive/keyboard.

★ We reserve the right to refuse any repair. ★ P & P charges £3.50 by Royal Mail or £6.00 + VAT for courier

VISA



EX-SOFTWARE 3.5" DS/DD DISKS

EX-SOFTWARE PREMIUM

50 10.99 1249

100 1999 2249

200 3950 44.99

250 48.99 54.99

500 96.99 107.49 DISKS ARE OVER-PRODUCTION RUN

DISKS ARE OVER-PRODUCTION RUNS FROM A
SOFTWARE HOUSE THEY CARRY OUR
REPLACEMENT OR REFUND GUARANTEE AND
COME COMPLETE WITH LABELS.

3.5" SUPERIOR LOCKABLE DISK BOXES

100 Capacity box 3.99*

140 Capacity box 5.99*

200 Capacity drawer 9.99*

*Only if Purchased with Disks



SNAP COMPUTER

SUPPLIES LTD

HOTLINE

01703

457111

RIBBONS-POST FREE

Full Mark Brand 2 off 4 off PRICE EACH Citizen 120D/124D Swift 24 Citizen Swift 24 Colour 11.95" Panasonic KXP 1080/1123/1124 3.05 Panasonic KXP 2123 Panasonic KXP 2123 Colour 10.95 Star LC10/LC20 2.60 2.40 Star LC10-4 Colour 5.50 5.25 Star LC24-10/24-200 2.95 2.75 Star LC24-10 Colour 9.95 Star LC200 2.80 3.00 Star LC200 Colour 9.95 Star LC24-200 Colour 9.95 HP Deskjet 500 Single Refill 7.99" Canon BJ10E Double Refill 7.99"

ACCESSORIES-POST FREE

Minimum order - 2 ribbons, except those marked with an asterisk*

Quickshot Apache Joystick
Quickshot Python IM Joystick
Quickshot Maverick IM Joystick
Mouse Mat
Mouse Holder
Roll 1000 3.5 Disk Labels
Amiga A500/A600/A1200 Cover
Philips monitor cover
Star/Citizen/Panasonic
80 col. Printer cover
3.99

All products are subject to availability - All prices include VAT.

Please add £350 ptp for disks and boxes or £599 if goods required overnight. E&OE.







AUTO MOUSE /JOYSTICK SWITCH £12.95

Amiga Shopper 95%

MEGA MOUSE Amiga Shopper 95%



TOTAL £27.90 VOUCHER £20



GOLDENIMAGE UK LTD

Unit 65, Hallmark Trading Estate, Fourth Way; Wembley, Middx HA9 0LB Sales Hotline No. 0181 900 9291 Fax 0181 900 9281

MANGO

VIDEOS



MANGA **POSTERS**

MANGA **T-SHIRTS**

CARDS







FREE CATALOGUE AVAILABLE

MAVERICK MAIL ORDER

PO BOX 7, ROSS ON WYE, HEREFORDSHIRE HR9 7YX TEL: 01989 767655 FAX: 01989 768563



Exclusive PD, Dept AF, Beresford Close, Waterlooville, Hampshire PO7 5UN Tel: (01705) 642409

A QUALITY SERVICE AT SENSIBLE PRICES Office Hours 10am -7pm Mon-Fri, 10am

UTILITIES

WB3 Libraries & Datatypes

Magic Expansion V1-3 WB2/3 Utilities #4 Archivers [2-04+] Epu Disk Stacker V1-63 Arexx Progs & Examples (2) Seka 32 Professional Splendid Utils #1 AGA Utilities #5 Disk Manager V4-0 [2-04+] ZXAM Spectrum Emulator AGA Missiles over Xerion (2 Disks, AGA) SnoopDOS V3-0 [2-04+] Dpaint V4 Buddy System (2) Desktop Magic Demo [2-04+]

Freecopy V1.9

GAMES

Jinx (2 Disks, AGA) TMA (AGA) Kiss The Canvas (AGA) Steel Devils Indycar Challenge Spectrum War Games Evil's Doom Spelltris Industrial Espionage [2-04+] Spheres of Influence (AGA/HD) Rocketz (AGA) Dong II Demo Sniper Putty Squad Demo

17 Bit Phase 4 £18.50 All the latest PD Sheer Delight (18+) £20.50 5,000 swimsuits etc (AGA) Aminet II/III £18.50 £18.50 CD Exchange a l CDPD I/II/III/IV £1 Fred Fish + loads more £18.50 Network CD £15.50 Weird Science fonts £10.50 600 Mb Bargain! Multimedia Toolkit £18.50 EuroScene £15.50 Latest Demos/Music/Games Demo CD £18.50 £18.50 Demo CD II £27-00 GoldFish Fred Fish 1-1000 double CD

ACCESSORIES

1200

SLIDES

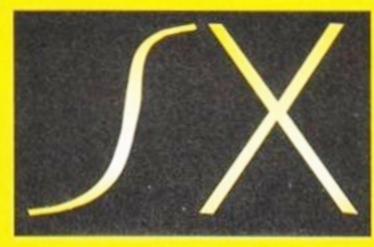
Red Dwarf (2) Girls of Eric (2) BodyShop #2/4/5/6/7 (2 each) BodyShop #1/3 (1 each) NFA: Phoebe Cates NFA: Sherilyn Fenn Star Trek Fit Chicks I/II/III (2 each) Ferrari Slides Scan is Lame (2) NFA: Boris Vallejo (2) NFA: Claudia Schiffer '94 (3) NFA: Erika Eleniak NFA: Telly Pics (2) NFA: Body Shop 8 (3)

DEMOS

Flip Top 100 Cap Disk Box £6.00 Dust Cover (A500/ Oxygene: Cuzco Merve Axis: Romust +/600/1200£2.50 Mystic: Vital Quality 5mm Sponge NGC: Artificial Paradise (2) Digital Dreams: 7th Heaven Rednex: Emptyhead 50 DSDD Disks . . . £20.50 Fairlight/VD:Love (2) 100 DSDD Disks . . . £39.50 Dreamdealers: Corinne Roboshift (Auto Mouse /Joystick Splitter . . . £15.00 Four Player Joystick Absolute: Cream Equinox: In A Dream Asylum: Incarcerated Adaptor £5.00 Polka Bros: Friday at 8 200 Cap File All above prices Complex: Real Fairlight/ VD: Illusion include p&p Star Trek Rave

Any 10 Fred Fish Disk
Any 25 Assassins Games
GIF Beauties Pack, 18 disks full of Gorgeous Women £15.00 + 50p p&p
Pro Sample Pack, 46 Disks of Quality Samples£40.00 + 50p p&p
Catalogue Disk free with your first order or send 2 x 25p stamps. All PD disks £1 per disk. Postage: UK 50p.
Catalogue Disk free with your first order or send 2 x 25p stamps. All PD disks £1 per disk. Postage: UK 50p. Europe add 20p per disk. World add 40p per disk. Cheques payable to Exclusive PD

WE HAVEN'T GOT IT ... WE'LL GET IT AT NO EXTRA CHARGE



Access

ORDER HOTLINE TEL: - 01908 277177 FAX: - 01908 645397

Order by telephone quoting your credit card number and expiry date credit cards are not charged until

SOFT EXPRESS LTD

despatch). If paying by cheque, please make payable to SOFT EXPRESS LTD

PLEASE NO

VISITORS, MAIL

ORDER ONLY

VISA

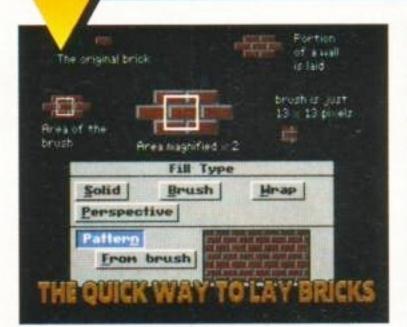
DEPT. NO. AMFBD01CM 6 WHARFSIDE, FENNY STRATFORD, BLETCHLEY, MILTON KEYNES, **BUCKS MK2 2AZ**

disks	50 Disks	100 Disks	250 Disks	500 Disks	1000 Disks
Sided/ nsity Disks	16-00	30-00	70-00	135-00	255-00
ded High Disks	22-00	40-00	90-00	170-00	320-00
ed High over Disks	16-00	30-00	70-00	135-00	255-00
over Disks	10-99	20-00	45-00	85-00	150-00

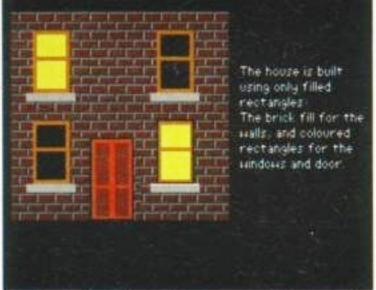
Recycled Cover Disks	10-99	20-00	45-00	85-00	150-00
All Items subject to availab		ct to change lainland Fre		se allow for Cheq	ue clearance.
ORDER FORM PLEASE WRITE IN CAPITA Please supply me with th for computer	L LETTERS	SIGNATU	ACCESS/VISA CARE	NO.	XPIRY DATE
ITEM	PRICE	DATE NAME ADDRESS	•		
POSTAG		TEL	AMICA FORM	POSTCODE	ICCUP 400F

aint mtoria

In the final part in his series of paint tutorials, Jason Holborn explores the effects you can create with the Perspective tool. If you have any questions about paint packages, send them to Workbench.



The building blocks of a wall. One brick, carefully laid, can last a lifetime. Here's how to use a simple brush fill to create your brick wall.



This is our main brush. Windows and doors are just filled rectangles drawn over the bricks. This house will now form the basis of our 3D terrace.



Using the Perspective feature of DPaint, the house front is multiplied to create a row of houses disappearing into the distance.



To give them individual character, colour the doors, and light alternate windows. The sky is a gradient fill and the pavement and roof was drawn freehand.

oncluding our in-depth look at creating realistic images with art packages this month we'll tackle the Perspective mode. This lurks unused by countless Amiga artists, but it can turn simple kiddy-scape drawings into truly professional-looking work.

In this example we'll create a landscape comprised of a single brush, spun in space to give a realistic street scene. If you imagine the card in the example below is a drawing of the front of the house, then imagine it spun in space, you're 90% of the way to understanding this tutorial.

Just like the card, we rotate the house brush once, then move it manually back along the Z plane to create a terrace of homes. The house is a simple rectangle filled with a brick pattern. You can see how this pattern has been created from the illustration - just a few bricks laid properly form the basis of an authentic pattern.

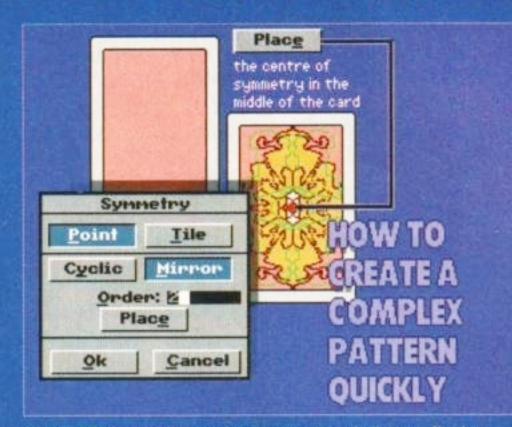
The window, curtain, and door rectangles are filled with solid colour, and a light effect is simulated by having some of the windows filled with yellow. Don't forget to colour the lintels above the windows and doors.

Once the front of the house is completed, cut it out as a brush, and call up the Perspective requester. This brush is angled from left to right, receding as it goes. So press keypad 5 until the X angle reads 40 degrees.

If your brush looks a little large, even at its furthest depth (at the far right of the screen), you can push the image back and forward in space along the Z plane by pressing keys: (colon) and # (hash symbol) while in Perspective mode.

Turn Anti-Alias on to High. With your angled brush outlined on screen, move it to the very left

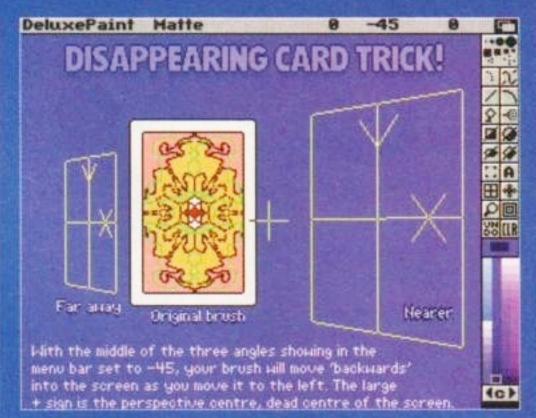
GETTING THINGS IN PERSPECTIVE



How do you turn a boring rectangle into a flashy card? Simply use the Symmetry tool, that's how!

his tutorial shows how perspective works and how DPaint figures out all the complicated business to give you full range to move objects in and out of space. Drawing an object to give a precise feeling of 3D depth can be quite difficult and it's all too easy to get the perspective wrong but with DPaint's Perspective tool, all the hard work is done for you.

Let's have a go at creating an image that uses the Perspective tool. The playing card is the first thing to create. It's a simple white rectangle with the rounded corner effect achieved by erasing the pixel on each corner using the Freehand tool to draw in the background colour. A smaller rectangle

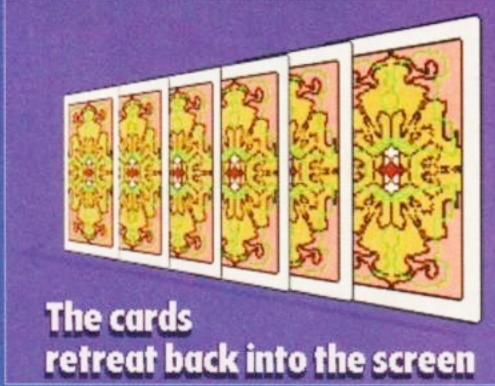


Here's how perspective works. The card is swivelled and recedes the further left you place it.

is drawn inside in pink, leaving a white margin. The pattern is interesting - using the Symmetry tool, and the points value set to two, place the centre of symmetry bang in the middle of the card.

Now when you draw in Freehand mode, your pattern replicates on the opposite half of the card. Clever eh! This works with fill colours too, so once the design is done, fill in a few sections to add variety and et voila! - one playing card!

From the Effect/AntiAlias pull-down menu, set AntiAlias to High in order to give the best possible image when rendering. Cut out your card as a brush, and from the Effect/Perspective menu, select Do. Your brush is now shown outlined on the screen,



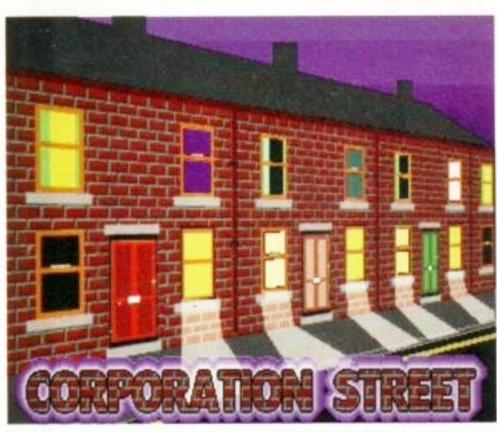
With AntiAlias on high, your cards are drawn accurately as you place one on top of the other.

with a couple of benchmarks showing the top and the right sides labelled X and Y.

You control perspective via the keypad - we want to turn the image into the screen, so alter the

Y rotation by pressing keypad 4; the middle of the three figures showing the perspective setting on the menu bar now counts down. Stop pressing the key when the readout is 0 -45 0. Your brush will now have rotated exactly to where we want it.

If you move the brush about the screen, you can see how it re-sizes itself depending on its location. The further left you move, the smaller (further away in space) your brush is. If you look at the illustration, you'll see how the first brush has been



Just to add the final touch I used a transparent yellow fill to imitate the lit windows casting pools of light on to the pavement, and added multi-outlined text, filled with the brick pattern.

of the screen and draw it down. It will take some time for *DPaint* to draw the image, but the anti aliasing will make a much cleaner job of it. Once the image is drawn, move the brush horizontally so its edge butts up to the edge of the newly-drawn house front, and paint it down again. Continue like this until you reach the right hand edge of the screen. You should now have created a terrace of red-brick homes.

Unfortunately, they are all the same, but by touching up curtains, front door paint, and adding light to alternate windows, you can individualise them more realistically. The roof is just a filled grey shape against a gradient-filled sky, and the pavement was drawn freehand. A nice touch is the glow of the windows hitting the kerb, achieved with DPaint's Translucency option set to 50%, and a light yellow paint colour.

The beauty of this technique is that it works with almost anything - fences, mountains, trees, even crowds of people. Draw your image in 2D, then make a masterpiece using Perspective.



Take one digitised image or even a PhotoCD picture, convert it to a screen mode which can be used in DPaint and we have our source image. In this particular case, the image was dropped down to low resolution with 32 colours.



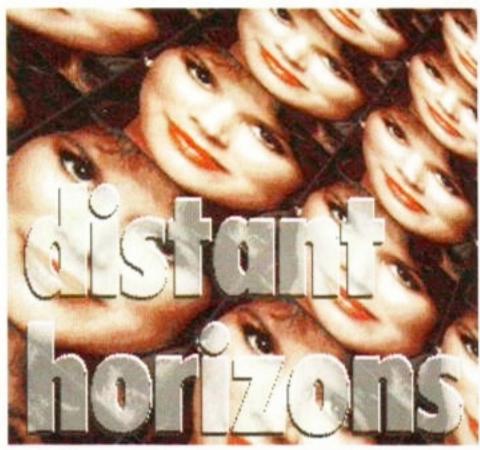
The image is then picked up as a brush and rotated using the Perspective tool. Going back to the main DPaint screen, we then select the Fill Screen option from the Perspective menu and et voila!

FILL ME IN

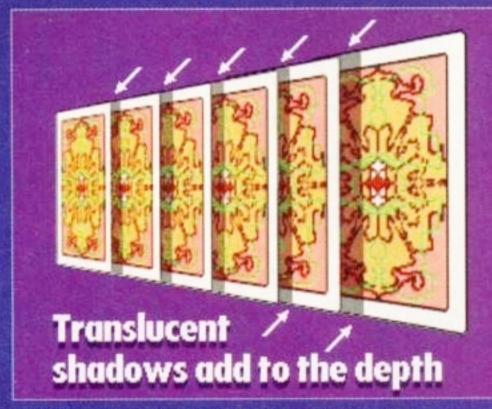
One of the more useful DPaint functions when you're trying to create a perspective effect is the Fill requester, and once again DPaint does a lot of the hard work for you leaving you to concentrate on the aesthetic, rather than the technical, aspect of your work.

Once you've defined the perspective on your brush, you can fill the screen with an image. This creates some useful background effects, and can even be incorporated into animations using moving Animbrushes (don't get me started on Animbrushes, this is the last tutorial, and I could go on for ages about the joys of Animbrushes).

In this simple example a single image is rotated in space (using -32, 32, 32 to define the X, Y and Z rotation) and used as the Fill type from the Fill requester. DPaint works out the depth, and a line of translucent, bas relief text (explained in last issue's tutorial) completes the image.



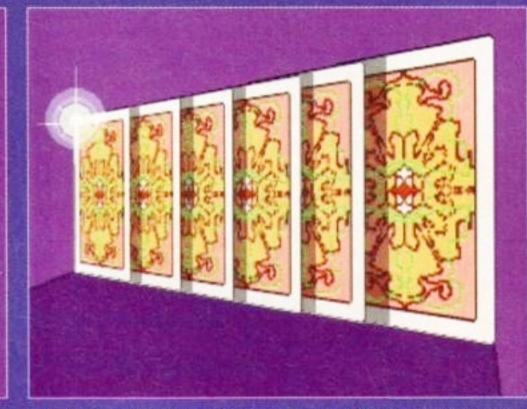
Add some text and you have a really striking image. Perspective can come in particularly useful when preparing screens for video work and multimedia presentations.



Add a shadow to the leading edge to create an impression of depth - a quick and simple effect.

drawn at the right hand side of the screen, and subsequent images have been moved a few centimetres to the left, so you get the perspective effect of a diminishing rank of playing cards moving into the screen.

Remember, don't move your brush up or down, just left. If you start rendering the image and find the card is too high or too low, immediately press the Space bar to halt the drawing, and reposition the brush and try again. This can take some time, because the AntiAlias function is quite lengthy, but the end results are far better than we could have achieved without the AntiAlias function. Thankfully, DPaint makes the process of moving the brush



If you use a light flare and a shadow the impression of depth is further exaggerated.

somewhat easier - simply hold down the shift key and move the brush and move along one axis only.

To further enhance the impression of depth, note the way I've used shadows where the cards overlap. This is quickly and easily achieved by using black as the drawing colour, turning on Translucency and then drawing rectangles down the leading edges of the cards. If the shadow looks rather false, increase the number of screen colours available.

Draw your text on the spare screen, cut it out as a brush, and in the same way as we altered the perspective of the cards, swivel the text inwards to the same angle (0 -45 0), paint it down, cut it as a brush and move back to the main screen.



You can then add the text, its shadow and a stunning fill for the finishing touches.

We need to add a shadow before placing the text, so select black as your drawing colour, press F2, turn on Translucency and paint the shadow over the cards image. Turn off Translucency, and paint your perspective text slightly offset so the shadow can be partially seen.

The finishing touches I added were a light source flare on the furthest card to add to the perspective effect. This is simply a couple of Translucent circles of white and yellow with a few straight line streaks. The background fill is a circular range of light to dark blues. Note how an artificial horizon is created by filling in the top and bottom halves of the background separately.





EPER ESS

VERSION 4.0 IS HERE!

THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS. THE WORLDS MOST POWERFUL DISK **BACKUP SYSTEM IS NOW EVEN BETTER!**



Unique custom chip gives SYNCRO EXPRESS the power to backup programs when all other backup systems fail.

SYNCRO EXPRESS is a sophisticated hardware and software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller.

In this way SYNCRO EXPRESS delivers the power to backup programs when other backup systems fail.

Very simple to use, requires no user knowledge.

The most powerful disk backup system ever conceived.

Powerful SYNCRO MODE actually synchronises your drives to achieve even greater backup power!

Menu driven selection of start/end track. Up to 85 tracks.

Totally 'transparent" hardware switches out automatically when not in use.

s Ltd., neither condones nor authorises the ducts for the reproduction of copyright material up facilities of this product are designed to reproduce vare where permission to make backups has been y given. It is illegal to make copies, even for your own use, pyright material, without the given permission of the copyright



GOLIATH HAS THE POWER

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Goliath packs more power than you can possibly need!

HEAVY DUTY CASE SWITCH MODE ELECTRONIC SYSTEM **FULL 200 WATT OUTPUT**

13 AMP UK APPROVED MAINS LEAD **DIRECT PLUG IN REPLACEMENT**

MIDI MASTER PROFESSIONAL MIDI INTERFACE



ull specification Midi In, Midi Thru

and Three Midi out sockets.

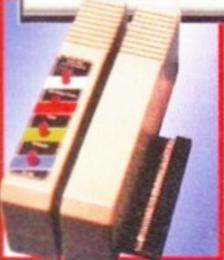
Stylish case to match Amiga colours

COMPLETE WITH 2 FREE MIDI CABLES. **Fully Opto Isolated.** Compatible with ALL leading music packages

MIDI MASTER £19.99

VIDEO DIGITIZER

£99.99



A full Realtime colour Digitizer at a realistic price. A500/A500+ compatible. Grab 15 Bit colour image in 1/50 second. Double buffered display generates screen update at 5 frames per second. 24 bit IFF file save from 15 bit data. Advanced picture editing features including cut, copy, brush, paste, undo etc. etc. Palette controls include R.G.B. evel and Gamma correction. Standard Phono Video Input (0.5 to 2.0v) composite from Video Recorder /Camera etc. Total package no more to buy.

MONO VERSION OF REALTIME VIDEO DIGITIZER NOW ONLY £49.99

GENIUS DIGITIZING TABLET

■ With the Amiga Genitizer Graphic Tablet you can streamline the operation of most graphic or CAD programs.

■ The Genitizer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus.

■Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control.

■ Works by "mouse emulation" so the Genitizer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc.

Supplied with template for Deluxe Paint.

Full easy to follow instructions.

This is the input method used on professional systems-now you can add a new dimension to graphics /cad.

- Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.
- The Genitizer fits in the serial port of your Amiga 500/500+/600

/1200/1500/2000 and "co-exists" with

Unlike a mouse, the tablet gives absolute co-ordinates so that tracking and menu selections are possible from the tablet face.

A pressure sensitive switch built into the stylus tip activates the Tablet overriding the normal mouse input. When you are not using the Tablet, you have normal mouse control

Complete system - Graphics Digitizer Tablet, Stylus, Deluxe

Paint Template, Power Adaptor, Test Software, Interface Unit, plus Driver Program - no more to buy!

PACK & SCAN EDIT S.O SOFTN

DES HANDY SCANNER, INTERE An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables

you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000. Unlimited edit/capture facilities &keyboard control

not offered by other scanners at this special price.

Full keyboard control of most functions.

Includes hard disk transfer to run under Workbench.

Adjustable switches for brightness/contrast levels. Full sizing menu of scan area.

Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode.

IFF Buffer Save 1600x1024 pixels, dual buffer, scan matching & view Buffer. Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features.

een grid overlay & configure menu to save parameters.

kon menu to select functions.

X,Y position readout & metric sizes.

Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.

View window and position control panel.

Powerful partner for DTP that allows for cut & paste editing of images etc.



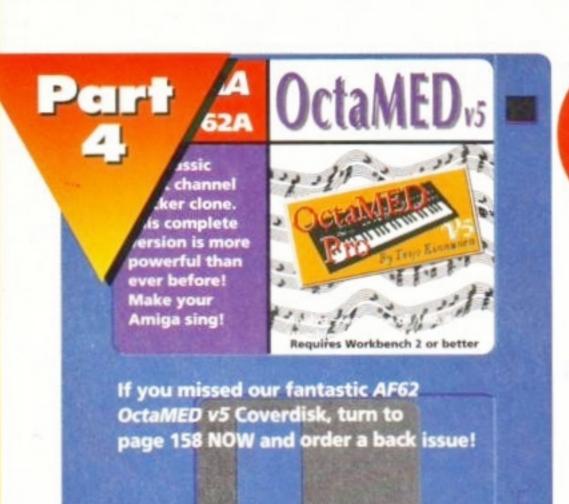
Send Cheques, Postal Orders or credit card details to:-

DATEL ELECTRONICS LTD.
GOVAN ROAD,
FENTON INDUSTRIAL ESTATE,
FENTON, STOKE-ON-TRENT,

ST4 2RS, ENGLAND.







OCEAMED

Ed Wiles explores how you can use the OctaMED Sample Editor to add all sorts of effects to your tunes.

Last month we looked at how you can add effects to your music by using the player commands, now we're going to play around with vocal effects by delving into the *OctaMED* Sample Editor.

Load in a sample, play it when it's loaded and then click on Edit Sample (upper screen, second row) to open the Sample Editor. The squiggly black line in this window is the sample's waveform, which is a graphic representation of the sample. The Sample Editor is used to change the whole or part of the waveform, which can involve copying sections of the waveform to other places in the sample, changing the volume or pitch of the waveform, creating echo effects, and much more. The white line across the centre of the waveform marks zero volume. The further away from the white line a point on the waveform is, the louder the point's volume.

Press the I key to play the sample in note C-3. Now, listening carefully, press the following keys to play the sample at different pitches: P T B Q]. Notice that the higher the pitch, the quicker the sample is played. So pitches are created by playing the sample at different speeds. If you look at the screen

Display: 8832898 Buffsize: 32898 Range Start: 8 Range End: 8

The OctaMED 5 Sample Editor provides all the tools you need to edit existing sampled instruments and you can even sample your own with a sampling cartridge.

isplay:	e Editor 8027268	Buffsize:	27268	Range Start	6751	Range End:	18988
- Mary	Maria de Paris		and the	- A-waishing		WW	-11-11/1
	M. III.				1	1111	
Dian N	enlau	Zoon In	Rang	ge Display	Monitor	Pitch: [214 C-
Play Di		Zoon Qut	Sampl	e< >Buffer	Digitize		

Marking a section of a sample tells OctaMED to concentrate all operations on the ranged data in that section.

shot below left, you'll notice that the waveform contains seven separate waveform parts (distinct squiggles). Each of these waveform parts represents a separate part of speech. Obviously the waveform display will be different for your sample but the principles are the same.

To mark a range over a section of sample, drag the mouse (using the left mouse button) from the start to the end of the section of sample. It should now be highlighted in white. The Range Start and Range End numeric boxes (at the top right of the window) show the actual byte positions of the start and end of the range. Find the Pitch gadgets (these are directly below the waveform on the far right of the display). To change the playing pitch from C-2 to C-3, hold down the left mouse button on the C-2 and press the I key. Release the mouse button. Now to play the marked range at the playing pitch (C-3), find the Play button (it's on the left of the third row of gadgets below the waveform). Try marking ranges over other parts of the waveform, and playing them at different pitches. You can play around with the sample by rearranging and deleting sections of waveform until the order of the words changes.

One way to mark a range is to type its byte positions directly into the Range Start and End boxes. Click inside the Range Start box, delete its contents then type 0 and press Return. Now click inside the Range End box, delete its contents then type in a value to represent a given point in the sample and press Return (I'll leave it up to you to decide which value you enter). Hit the Play button to hear the results of your newly edited sample.

Display: 883289		32898 Ra	nge Start:	7487	Range End:	11678
Managara A		Astronomy of the second	di Al-uniana	Military.		
Plan Dientan	Zoon In		isplay >Buffer	Monitor Digitize	Pitch:	214 C-
Play Display Show All	Zoom Qut				-	
Show All Range Show	Play Loop		G Start		Paste	Reverse

In this example, we've highlighted a word in a vocal sample. Once highlighted, this word can be cut out and pasted to another section of the sample.

isplay: 881511	8 Buffsize:	15118 R	ange Start	: 0	Range End:	0
Alamandus Milas .		m. ali.l.	de	della.	Allen M. Marie	III. No.
Le	-		W	Hillan	Midhh h, id	Million America
111					hlitii	
Plan Nicolan	Your In	T Breeze	Nicolan I	Manitan	I place	244
Play Display Show All	Zoom In Zoom Qut	_	Display >Buffer	Monitor Digitize	Pitch:	214 C-
Play Display Show All Range Show		Sample<	>Buffer	Digitize ear Copy		214 C-
Show All Range Show	Zoom Qut	Sample<	>Buffer	Digitize		

The words within a vocal sample such as this can easily be identified as each individual word is displayed as a series of peaks.

g| Sample Editor Display: 8843968 Buffsize: 43968 Range Start: | 0 Range End: 8 Echo Rate 6888 Volume Decrease Pitch: 214 (-3 Play Display Number of Echoes Zoo Paste Reverse Do Echo Exit Loop Point @ Start < > <8 8> Chip: 8888256448 Fast: 8888256128 - Stopped -Freeze Display

The Sample Editor provides a range of special effects which can be applied to your samples. In particular, the echo effect can be used to add reverb to a sample.

JUST LOOK AT THAT EFFECTS MENU

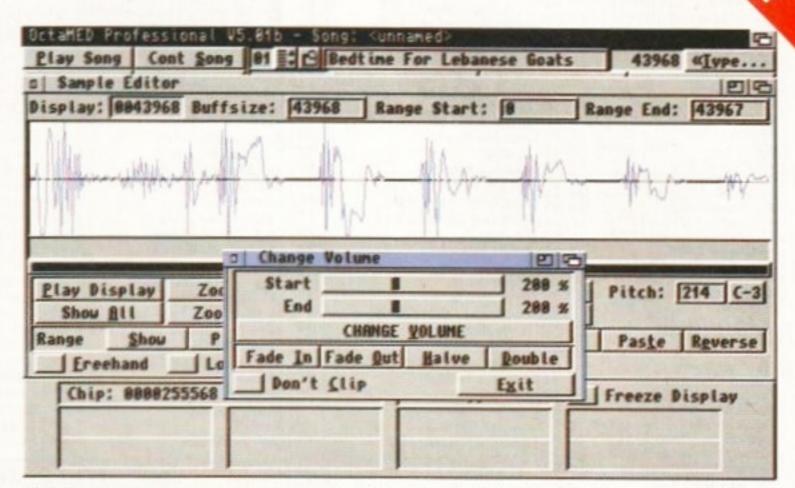
- Change Pitch: if the pitch is lowered, the sample becomes longer, and vice-versa.
- Mix: mixes the current sample (source) with the copy buffer (destination), storing the result in the current sample.
- Filter/Boost: filters (reduces noise) and boosts (brightens) the range. Averaging affects strength, crank Distance right up for some weird effects.
- Create Noise: adds noise to the range at the specified level.
- Create Chord: creates chords of two to four notes from the current sample. Specify the chord's notes by pressing the keys while holding the left mouse button on the pitch boxes.

Next we'll remove a section of sample. Roughly mark a range over a section of sample. Now to accurately adjust the range's start, hold down the Shift key, hold down the left mouse button on anywhere to the left of the range (the grey area), then drag the mouse left or right and the Range Start display will change. To adjust the range's end: hold Shift, hold down the left mouse button on anywhere to the right of the range, then drag the mouse until you're happy with the Range End. Play this range by clicking Play, then delete it using Erase. Play the whole sample using the keyboard.

To copy and paste a section of sample to the start of the sample we need to extend the range to the very end of the waveform: hold down Shift, then drag the mouse over the waveform to the very right of the screen. Now to cut the range to the Sample Editor's copy buffer, click Cut (beside Play). Set both Range Start and Range End to 0 by clicking inside each of them and pressing Ctrl-X, 0 and Return. Now paste the copy buffer at the Range Start position by clicking Paste. Click Show All to display the entire sample. Play the sample using the keyboard; it should sound very weird indeed.

Next we're going to try out one of OctaMED's special effects: echoing. We'll echo the end of a sample so that the sample slowly fades away. First we need to add some extra space to the end of the sample; this extra space will contain the echo. To increase the total sample size to, say, 70,000 bytes, activate the Buffsize numeric box (above the waveform), press Ctrl-X to clear it, then enter a value larger than the total sample size and press Return. Click Retain in the requester that appears. Notice the extra space that appears at the end of the waveform. Now change Range Start and Range End so the start position is about two thirds along the total length of the sample and the end position is at the very end of the sample (for echoing, you need to range both the echoed part and the extra space). Play the range using the Play button.

Now open the Echo window by selecting Effects menu -> Echo. The meanings of the three numeric boxes should be fairly clear (don't worry about Volume Decrease). Change the Echo Rate from 400 to 6,000 in the



Zooming in on a sample displays a far higher level of detail, allowing you to edit it with greater precision.

usual way (the actual definition of Echo Rate is the number of bytes between the start of each echo), and set Number of Echoes to 5. Now click Do Echo. When it's finished (it takes my A500 38 seconds), close the Echo window and play the sample. Notice that there is a lot of extra space after the final echo. We could range the extra space and click Erase to remove it, but there's an easier way: select Edit menu -> Remove Unused Space. Note that the sample size is now significantly less.

Next we'll look at changing the sample's volume. Mark a range over the whole waveform by clicking Range Display (in the window's centre). Now take a 'snapshot' of the sample by clicking >Buffer. This copies the whole sample to the copy buffer; it can be retrieved later using the paste tool.

AND THERE'S MORE

Show All Zoom D		-	nge Displa le< >Buf	-	igitize		
Range Show	Play	Cut Loop Po	Erase	Clear	(opy	Paste	Reverse
Chip: 88882	92888 Fast:			Stopped		Freeze I	isplay

- Use Zoom In and Zoom Out to magnify and reduce the display. The display box shows how many bytes are currently being displayed. Use the black scroll bar or the <left> and <right> keys to move around the sample.
- Click Play Display to play the current display. When you've finished, click Show All to display the whole sample.
- Using Freehand you can modify the waveform by drawing with the mouse, just like DPaint. The display size is 628 bytes maximum, mind.
- Use Loop and the Loop Point gadgets to set a repeating section of the sample. Switch Loop on, then drag the black pointers using the mouse or use the <> <0 0> buttons.
- If you have a sampler, Monitor and Digitize do your sampling for you.
- Reverse turns the range backwards. Now you can find out whether Queen's Another One Bites The Dust really does contain the word marijuana played backwards (trust me - it doesn't, it's a kind of maaaooooaaaannnaaa sound).
- Invert (Edit menu) turns the range upside-down. Practically useless.
- Chop (Edit menu) removes the whole sample except the part marked by the range.
- Play Buffer Contents (Edit menu) allows you to listen to what the copy buffer's saying.
- Discard Copy Buffer (Edit menu) tells the copy buffer to shut up.



SOFTWARE Some of the following games titles are limited offers at the time of going to press. Order early to avoid disappointment. We stock all the latest titles which we offer at 30% OFF R.R.P. EDUCATIONAL 10/10 Early Essentials 10/10 Essential Maths 17 99 GAMES 10/10 Junior Essentials 17 99 10/10 Maths (Number) 17 99 9 99 688 Attack Sub 10/10 Maths (Algebra) 17 99 11.99 A-Train + Constr. Set 10/10 Maths (Statistics) 17 99 4.99 Action Fighter 10/10 English 17 99 10/10 Structured Spelling 17 99 Action Stations 7.99 17 99 Addams Family 7.99 10/10 French 10.99 17 99 Air Bucks 1.2 10/10 German-9.99 10/10 Dinosaurs 17 99 Alfred Chicken 10/10 Driving Test 17 99 Alien Breed 92 7.99 ADJEnglish(11/12or12/13) 16 99 9 99 Another World ADIEnglish (13/14or 14/15) 16 99 7 99 Apidya ADJEnglish GCSE 22 99 7 99 Arabian Nights ADIFrench(11/12or12/13) 16 99 ADIFrench(13/14or14/15) 16 99 Arcade Pool 7.99 10.99 Archer Mcleans Pool ADIFrench GCSE 22.99 7 99 Assassin (Special Ed.) ADIMaths(11/12or12/13) 16 99 ADIMaths(13/14or14/15) 16 99 Batman the Movie 4.99 22.99 Battle Squadron 4 99 ADIMaths GCSE ADIJunior Counting(4/5) 10.99 13 99 Birds of Prey ADIJunior Counting(6/7) 13.99 Black Crypt 9 99 13 99 Blasteroids ADIJunior Reading(4/5) 4.99 ADIJunior Reading(6/7) Better Maths (12-16) 13.99 7 99 Blitzkreig - War Game 13.49 9 99 Body Blows Cave Maze 10.99 9 99 Bubba'n'Stix Count and Add 16.99 10.99 Cadaver + Add-on Fraction Goblins 10.99 15 99 Cannon Fodder 12.99 French Mistress FunSchool2(2-6,6-8,or8+) 6.99 Captive FunSchool3(2-5,5-7,or7+) 13.99 Caesar I 7 99 10 99 Caesar Deluxe FunSchool4(2-5,5-7,or7+) 16 99 4 99 MORPH Carrier Command FunSchool Maths 7-11 16 99 12.99 Champ, Manager 93 Nick Faldo Golf FunSchool Paint+Create 16 99 Champ. Manager EOS Data 10 99 FunSchool Spelling 7+ 16.99 Chuck Rock 2 7 99 German Master 15 99 4 99 Colossus Chess X Kid Pix (Paint Package) 16.99 Cruise for a Corpse Maths Adventure 16.99 Crystal Kingdom Dizzy Maths Dragons 10.99 Curse of Enchantia Cybercon 3 riple Action 1 Triple Action 3 7 99 Deluxe Strip Poker 2 Deuteros Ghostbusters2 9.99 Desert Strike Hammer Boy 7 99 Battle Valley Disposable Heroes 66.63 Dogfight DONK! riple Action 4 Blues Brothers Triple Action5 Dune E-Motion Battletech Satan 4.99 EPIC GrandPrixMaster .. 29.99. 10.99 Eye of Beholder 1 or 2 F15 Strike Eagle 2 11.99 SIM CLASSICS F19 Stealth Fighter 1199 11 99 F29 Retaliator (Not A600) WhiteSnooker SIM ANT F117A Nighthawk Elite and Zool. 11.99 .219.99. Falcon £19.99. 9.99 Fantastic Dizzy Maths Mania (over 8) Future Wars 0 90 Mavis Beacon Typing 2 19.99 9 99 Ghouls 'n' Ghosts 16.99 Mega Maths 4.99 Goblins Micro English 16 99 9 99 Graham Gooches Cricket Micro French 16.99 GRAND PRIX (Microprose) 12.99 Micro German 16.99 16.99 Gunboat Micro Maths 16.99 Gunship 9 99 Micro Science 16 99 GUNSHIP 2000 9.99 Micro Spanish 11.99 Noddy's Playtime 16 99 Heart Of China Noddy's Big Adventure 16.99 Heimdell (Not 1200) 7 99 Paint Me a Story 14 99 Hero Quest 2 (Soracil) 9 99 Picture Fractions 10.99 11.99 Reasoning With Trolls 10.99 7.99 Hoyles Games 1,2 or 3 elling The Time 10.99 Indianapolis 500 9 99 lidy The House 10.99 Indy Jones LC-Action 9 99 ime Flies 10.99 Indy Jones+L.C.Gr.Adv 4.99 DISTANT SUNS V5(HD)22 99 9.99 Jack Nicklaus Golf Lost Vikings CD32 SOFTWARE Lotus Trilogy Microcosm 16.99 | Morph Banshee Bubba and Stix Naughty Ones 19.99 Nick Faldo Bubble and Squeak Cannon Fodder 20.99 PGA Euro Tour Chuck Rock 1 Chuck Rock 2 Pinball Fantasies Darkseed. Rise of the Robots Dizzy Enchant Worlds 10.99 Robinsons Requiem Fields of Glory Sabre Team Sensible Soccer Int'l Fire Force 16.99 Rick Dangerous 2 Frontier Elite 2 Simon The Sorceror Guardian Gunship 2000 Subwars 2050

11d, Burgate Lane, Canterbury, Kent. CT1 2HH TRY US.. WE LIVE UP TO OUR NAME.. RING NOW!!! TEL.0227-764204 9.30am to 7.00pm

(Answerphone outside normal hours)

Any 3 titles £4.99 or less for £10.00 Any 3 titles £7.99 or less for £20.00 Any 3 titles £9.99 or less for £25.00

1	Market School Black Burn	1	STATE OF THE PARTY	100	Big Altern. Scroller 2
	Jaguar XJ220	6 99	Robocop	4 99	Broadcast Titler 2 1
	Jimmy White Snooker	7.99	Robocop 3	9.99	Scala HT100
	John Madden Am. Footbal	9.99	Robocod (JamesPond2)	7 99	Scala 300M 3
	K240	9.99	Rodland	7.99	WORDPROCESSING
	KGBI	10.99	Rorkes Drift	4 99	Final Copy II V2
	Kings Quest 1 or 2	9 99	Rubicon	7.99	Final Writer V2
	Kings Quest 3 or 4	11.99	Santas Xmas Capers	6 99	SoftFaces 1,2,3 or 4(Fonts
	Knights of the Sky	11.99	Sensible Soccer 92/93	9 99	SoftClips
١	Leander (psygnosis)	7 99	Sensible Soccer Int'L	14.99	Penpal Protect 4.2
	Leisure Suit Larry1 or 2	9.99	Shadoworlds	7.99	Protext 4.3 Wordworth 3.1 SE
	Leisure Suit Larry 3	11.99	Shuttle	10 99	Wordworth 3A
	Linx Golf (2 drives)	11.99	Silent Service 2	11.99	Typesmith V2
	Lombard RAC Rally	6.99	Sim City Classic	9 99	COREADQUEET
	Loom	9.99	SIM LIFE (1.5 MB)	7.99	Turbo Valc V2.0
	Lure of the Temptress	10.99	Simpsons	7 99	Maxiplan V4
	M1 Tank Platoon	9 99	Skidmarks	12.99	INTEGRATED (WP/SS/DB)
	Manhunter in New York	9 99	Sleepwalker	7 99	Mini Office
	Maniac Mansion	9.99	Space Crusade(OK 1200)	7 99	Gold Disk Office
	Midwinter 2	11.99	Space Crusade Expansion	7.99	DESKTOP PUBLISHING
	Mig 29 Superfulcrum	10.99	Space Quest 1 or 4	11 99	Pro Draw 3
	Monkey Island	10.99	Space Quest 2	9 99	Outline fonts
	Monkey Island 2	11.99	Speedball 2	7 99	CAD
	Monty Python	4 99	Streetfighter	4 99	
	MADDRILL	7 00	Charattal day 0		the second second second second

TOP TITLES SPECIALS

7 99 Streetfighter 2

9 99 Stunt Car Racer

9 99 ArmourGeddon2, Benefactor, Bubble+Sqeak, Burntime. 7.99 Champ Manageritalia, Football Glory, Jungle Strike, Kid 9 99 Chaos, Micro Machines, PGA Euro Tour, Pinkie, Premier 9 99 Manager3, Ruff'n'Tumble, Scrabble, TacticalManager (GB.SCO or IT), The Clue, Topgear 2 ...

11 99 2nd Samural, All New Lemmings, Bump'n'Burn, Club 7 99 Football, Elite2, FIFA SOCCER(RING), Football Master 9 99 Genesia, Kick Off 3, Man Utd Champs, Monopoly 10.99 OnTheBall, PuttySquad, Sensible Golf(RING), Sensible World Of Soccer(RING), Stable Master Valhalla £19.99 EACH

Ben' Steel Sky, Civilisation, FieldsOfGlory, Detroit, Heimdall ImpossibleMission, Robinsons Requiem, Reunion. 9 99 SimonSorcerer, Starlord, Ishar3, Theme Park £22.99 EACH

ndiana Jones Fate Atlantis, Campaign 2, Innocent, KingsQuest 6. £23 .99 EACH Universe. ROBOTS....£24.99 EACH

y I						_	AMUS Professional
0	Operation Stealth	9	99	Supremacy	9	99	AMOS Pro Compiler
0	Ork	7	99	Swiv			Kraft for AMOS
0	Outrun (Not A1200)	4	99	Tennis Cup 2		99	Devpac 3
0	Pacific Islands	9	99	Test Drive II	6	99	Hisoft Pascal
0	Paperboy 2	7	99	The Games Espagna	8	99	Hisoft Basic V2
0	Parasol Stars	7	99	Their Finest Hour		99	
ó	PGA Tour Golf	10	99	Their Finest Missions			Bars & Pipes Pro 2
0	Pinball Magic	7	99			99	
0	Pirates			Thunderhawk		99	
0	Police Quest 1, 2 or 3		99	Total Carnage		99	
o	Populous + Lands			Tower Assault-Alien Breed		99	Midi Interface + Le
o	Populous 2		99	Trivial Pursuit		99	MISCELLANEOUS
Ó	Powermonger+Editor	9	99	Turrican II		99	PC Task
	PP Hammer		99	Video Kid		99	Directory Opus 4
1	Premier Manager 2		99	Whales Voyage		99	Dir. Works 2
5	Prince of Persia		99	White Death - War Game		99	Disk Expander
	Pro Tennis Tour		99	Wing Commander		99	
5	Project X		99	Winning 5 Compilation		99	
5	Quest for Glory 1		99	Wiz'n'Liz		99	
á	Quest for Glory 2		99	World Class L'Board Golf		99	TAMES OUT I WAS
5	Qwak			Worlds of Legends		99	AIT BUCKS 1.2
	Railroad Tycoon	11	00	WWF Wrestlemania		99	Aladdin
5	Rainbow Islands		99	Xenon		99	ALFRED UNIONE
1	Realms			Xenon 2		99	Bansnee
9	Reach for the Skies		99	Z-Out		99	Doug Diows AGA
9	Rick Dangerous		99	Zak McKraken		99	budy blows dalac
- 1	then cangorous	-	-	Ear monimon			Burntime

Road Rash All Prices Include Delivery To Your Door.

4 99 ZOOL

2.37	RY ORDER FORM
Name	
Address	
Tel.No.	
Cheque/Credit No.	
Expiry Date.	Description of
Customer Ref. No.	Machine
	Machine
Titles	

ADVANCE BOOKINGS

We accept advance orders for new releases. You can order with peace of mind as we will despatch on day of release. Your account will not be debited until date of release

49 99

Video Back-up

39.99

42 99

99 99

99 99

59 99

22.99

37 99

49 99

89 99

99 99

24 99

299 99

89 99

34 99

64 99

10 99 X-CAD 3D

4 99 X-CAD Professional

Money Matters

Deluxe Paint IV AGA

7 99

Deluxe Music C. Set 2

Megalosound Sampler

Midi Interface + Lead

Cashbook/Final Accounts 42 99

ACCOUNTS

GRAPHICS

Brilliance 2

1 10000			-	-
- Miles		Icon Paint	7	99
		Maxxon Magic	22	99
SERIOUS		BOOKS		
		Amiga A600 Insider Guide	12	99
VIDEO & MULTIMEDIA		Amiga 1200 Insider Guide	12	99
	1 99	Amiga 1200 Next Steps		99
	1 99		12	
Broadcast Titler 2 145	999	Amiga Disks & Drives		99
	999	Assembler Insider Guide		99
	999	Mastering Amiga Arrex		99
WORDPROCESSING		Mastering Amiga Beginner		
	999	Mastering Amiga AMOS		99
	999	Mastering AmigaDos2		99
SoftFaces 1,2,3 or 4(Fonts)5	4 99	Mastering AmigaDos3		99
SoftClips 3	7 99	Mastering Amiga Printers		99
Penpal 29	999	graniga i initaro		-
The state of the s				

LIADDIMADE

HANDWAKE	
A1200 Basic Pack	Ring
	Ring
Amitek 2MB Hawk Board	129
Amitek 4MB Hawk Board	189
Viper 030 Accelerator	155
170MB for A600/A1200	159
250MB for A600/A1200	229
Amitek 3,5" External Drive	55
A500 3.5* Internal Drive	39
A600 1Mb Upgrade	38
A500 Plus 1Mb upgrade	35
A500 512k Ram (no clock)	20
A500 512k Ram + clock	25
1.5 Mb Ram Expansion	79
1 Mbyte Simms	34
AT-Once PC 286 Emulator	189
Rombo Vidi 12 Pack	69
Sharp JX100 A6 Col. Scanner	379
Eclipse Mouse	12
MegaMouse (Microswitched)	12

Brilliance 2	49 9	9		
Spectracolor	54 9	9	AwardWinners	MONSTERPack
ProFills	24.9	9	Populous Pipe-	Beast 2.
Art Department Pro 2.15	129 9	9	Populous, Pipe Mania, KickOff2.	Killing Game Show
Morph Plus	139 9	9	Space Ace	Awesome
3D MODELLING & REND	ERING		66.63	99.92
Lightwave 3D	399 9	9	Toom 17	The Constant
4D-Professional	199 9	9	Team 17 Superfrog	The Greatest
Sculpt 3DXL	49 9	_	Body Blows	J. WhiteSnooker
Sculpt Animate 4D	999	9	Overdrive	Lure Temptress
Vista Professional V3	23.9	9	99.99	£19.99
Vista Lite	23.9	19		
Makepath(Vista Pro)	99	9	World Cup 94	Beau Jolly
TerraForma(Vista Pro)	99	9	Champ, Man. 93/4	
Imagine 3 SPECIAL	119 9	9	Goal, Striker,	Chaos Engine
Essence 1 or Essence 2	64 9	9	£19.99	C24 QQ
Real 3D Pro/Turbo V2	319.9	9		
Real 3D Classic	67.9	9	Mouse Mat	2
PROGRAMMING			50 Blank Disks	20
Easy AMOS	22 9	9	MONITORS	
AMOS Professional	32.9		Philips 8833-2	219

22 99 Commodore 1942 Multisync 339

239

169

169

229

189

249

185

319

289

279

269

49 99 (Inc. lead+Amiga Printer Driver)

Citizen ABC-24 Colour

Epson Stylus 400 Inkjet

39 99 HP Deskjet310 Col.Portable

16 99 PRINTERS

Technosound Samples V2 34 99 Canon BJ200 Mono

74 99 Star LC100 Colour

64 99 Star LC24-30 Colour

199 99 Citizen Swift 90 Colour

19 99 Canon BJ230 Mono

54 99 HP Deskjet520 Mono

34.99 HP Deskjet500C

59 99 Citizen Swift 240 Colour

26.99 | Canon Bubblejet Portable

GB Route Plus (New Vers.)34 99	
AGA SOFTWARE Air Bucks 1.2 10.99 Aladdin 19.99 ALFRED CHICKEN 9.99 Banshee 19.99 Body Blows AGA 8.99 Body Blows Galactic 17.99 Burntime 16.99 CHAOS ENGINE 12.99 Civilisation 19.99 Detroit AGA 22.99 Fields of Glory 22.99 Football Glory 16.99 Guardian RING Gunship 2000 22.99 Heimdall 2 22.99 Impossible Mission 22.99 Ishar 3 21.99 Jurassic Park 14.99 Kick Off 3 19.99 LIBERATION 12.99	On the Ball 22.99 Overkill 13.99 Premier Manager 3 16.99 Rise Of The Robots 27.99 Road Riot RiNG Robinsons Requiem 21.99 Robocod 7.99 Ryder Cup 16.99 Second Samurai 19.99 SimCity2000 (HD/4MB)22.99 Simon Sorceror 23.99 Simon Sorceror 23.99 SkiDMARKS 12.99 Star Trek (Hard Disk) 22.99 Super Stardust 19.99 Top Gear 2 16.99 Top Gear 2 16.99 Tor NADO 12.99 Zool 2 12.99

You name it!...We do it!...Just phone and we'll quote! WE STOCK ATARI ST., IBM/PC, CDROM, MAC, SNES. WE STOCK SEGA, LYNX, JAGUAR, 3DO, C64 CARTS MAIL & TELEPHONE ORDERS ONLY!..... NO PERSONAL CALLERS! Allow up to 10 days delivery Out of Stock items.

All trade subject to our terms & conditions available o/r

Computerworld

Super Stardust

Superfrog

Theme Park

Tower Assault

Trivial Pursuit

19.99 Ultimate Body Blows

Video Creator

Top Gear 2

19.99

VISA, MASTERCARD, EUROCARD, P.O. are despatched same day! Please allow 4 working days for cheques to

add £2.00 postage for Software. Hardware-overseas

clear. CHEQUES/P.O. payable to POST 附册STE, 11a. Burgate Lane, Canterbury, Kent CT12HH. Overseas Orders

postage charged at cost. Prices are subject to alteration

AMIGA

Computerworld

Large range of **AMIGA** *SOFTWARE*

Heimdell 2

JetStrike

Kid Chaos Labyrinth

Little Devil

lumans 1 and 2

James Pond 3

Jungle Strike

mpossible Mission

egacy of Sorasil

Liberation-Captive 2

85, HIGH ST., WALTHAMSTOW, LONDON. Tel.081 509 1300 11, BURGATE LANE, CANTERBURY, KENT. Tel. 0227 766788 29, LOWER STONE ST., MAIDSTONE, KENT. Tel.0622 677115

Large range of AMIGA **ACCESSORIES**

he first animation booster to follow in the steps of the Raptor Plus Lightwave rendering engine is the SHAblamm card which fits most PC compatibles with a VESA slot, and includes Windows NT and 16Mb of Cache RAM.

Now, before you start thinking that you're reading a PC mag instead of good old AF, consider this: the Raptor Plus is a RISC PC running under Windows NT. The SHAblamm card contains a 133MHz RISC processor, (like the Raptor), and the RAM is rated at 15 nanoseconds, (yep it's fast!), and can render Lightwave scenes around eight times faster than an A4000.

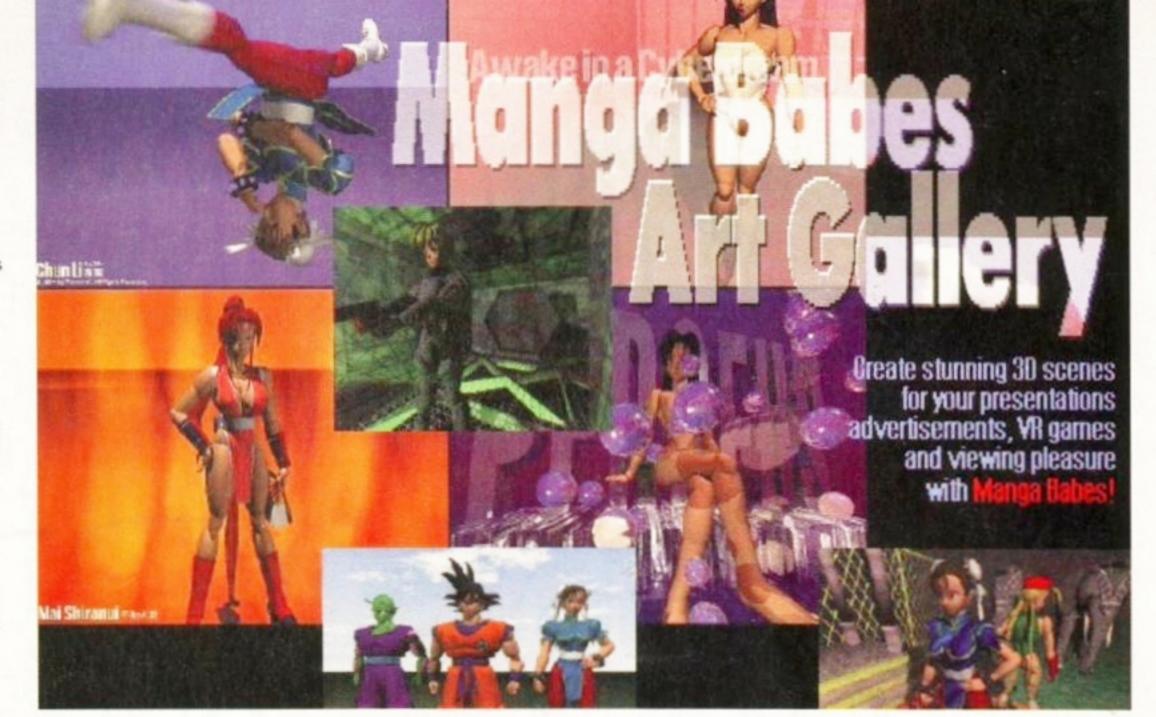
Of course, to use this card in conjunction with an Amiga, you'll need to buy ScreamerNet, and an ethernet card with network software. The card comes in two forms: with 16Mb RAM, for about £1,800 plus VAT, or as a complete system with host PC for around £2,800 plus VAT.

For further details, contact Direction Technologies on 01483 454400, and mention that you're interested in using the SHAblamm card with *Lightwave*.

LIGHTWAVE HINTS AND TIPS

Lightwave 3.5 owners may be experiencing difficulty in using the package with their machine. The major cause of most problems is insufficient RAM. To run effectively, your Amiga should really be fitted with 8Mb RAM and even then it may not run smoothly. Here is a list of other common Lightwave-related problems:

• Modeller unable to load at all. This is generally caused by a faulty Workbench. Reinstall Workbench.



A new Shareware collection of mangastyle models featuring three exquisitely-designed 3D models in *Imagine* TDDD format, is now available from the 24Bit Club.

Send a disk with return postage to the 24Bit Club at 6 Skirsa Square, Floor One, Glasgow G23 5QW, or it can be downloaded from the 24Bit Club section of the Black Hole Bulletin Board (0121 421 4835) which is a UK Fido Echo for users of Lightwave.



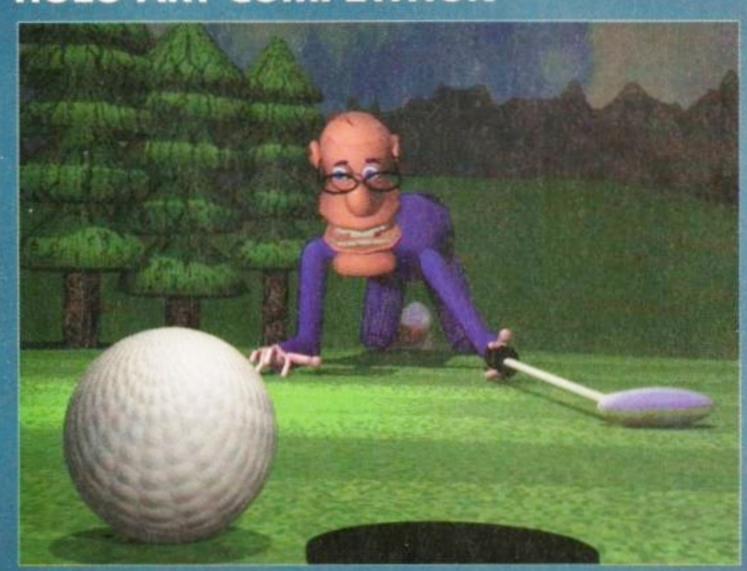
Lightwave crashes when using Power Macros, or WaveMaker.

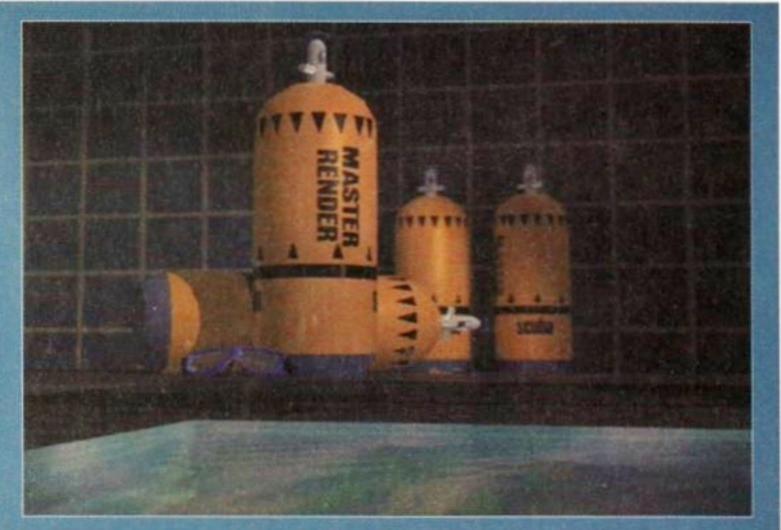
Axiom Software say that the fix is to load the scene into *Lightwave*, don't press Continue, but save the scene out, and reload it back in again. The problem is due to a bug in *Lightwave 3.5*, which does not set up a default light in the scene. No lights – bang... program crash! Saving out the scenefile makes it into a *Lightwave 3.5*-compatible version.

Errors in Modeller when using fonts or Boolean operations.

This is a known Modeller bug, and you should use the update patch disk to cure this fault. The new *Lightwave* Modeller update can now be downloaded from the 24Bit Club section of the Black Hole Bulletin Board (0121 421 4835) or send a disk and the return postage to the 24Bit Club at 6 Skirsa Square, Floor One, Glasgow G23 5QW.

HOLO-ART COMPETITION





Earlier this year, the 24Bit Club ran the Holo-Art competition in which you could get your 3D rendered picture transformed into a full-size glass hologram. Entries have arrived from all over the world, and here are a couple that have impressed us so far. The 24Bit Club hopes to release a video of all the entries shortly.



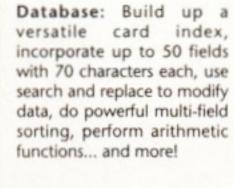
- A professional WORDPROCESSOR with powerful graphics capabilities and a 50,000 word spell checker. Ideal for a wide variety of correspondence and official documents.
- A versatile DATABASE which is simple to use and powerful enough to deal with anything from basic address book functions to club membership lists and business records.
- A flexible SPREADSHEET with more than 50 functions, simplifying the most complex domestic monthly budgets or commercial cash flow forecasts.
- A supremely friendly DISC MANAGER to make using your Amiga as painless a task as possible.
- Incredible GRAPHICS with more than 18 types of graphs and charts available to brighten up your presentations or make your month by month financial situation as easy to appreciate as possible. You can even make use of eye-catching 3D effects!



Wordprocessor: Compose a letter, check your spelling with the 50,000 word dictionary, mailmerge details from a database file, add graphics, wrap text around it, load ASCII text, highlight with bold, italic and underline... and more!



Graphics: Enter data directly or load from the spreadsheet or database; produce pie charts with exploded segments; display bar charts side by side or stacked; overlay your graphs on an imported IFF picture; add a 3D view; add text or lines... and more!





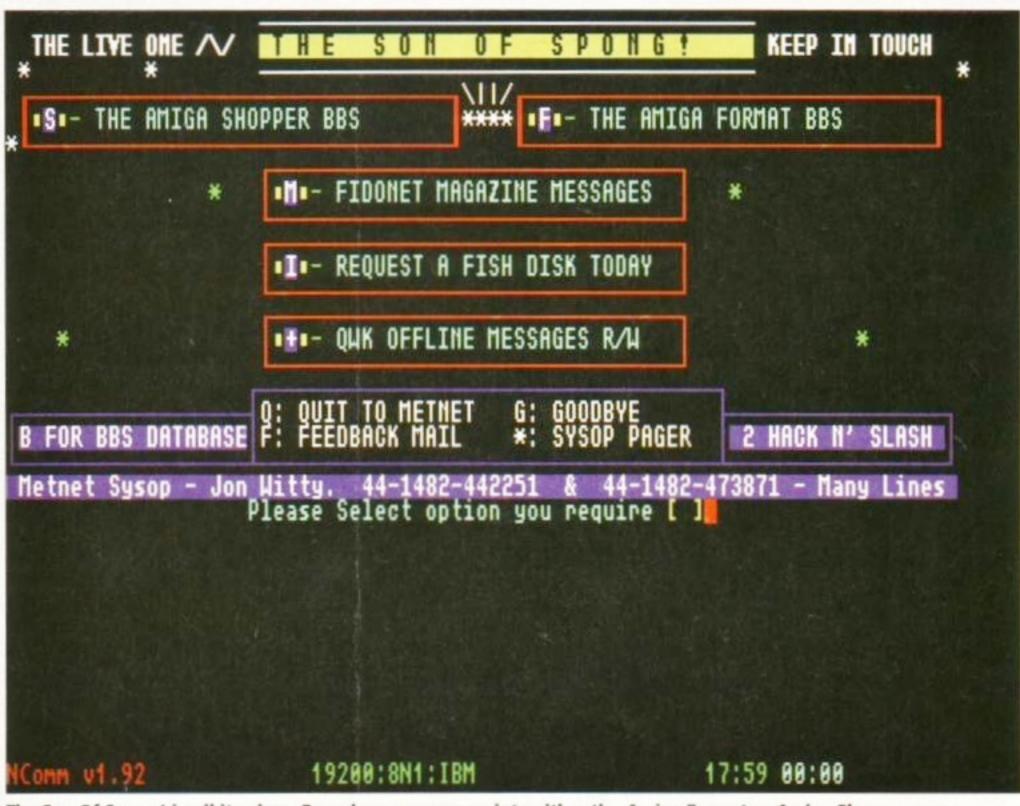


Disc Utilities: Avoid the confusion of Workbench, create bootable files, format discs, copy files from disc to disc; make directories; delete and rename files, make multiple copies of your discs... and more!

Spreadsheet: Prepare budgets or tables, alter column widths, insert or delete columns, cut and paste data, lock blocks, choose from over 50 functions... and more!



Spongs of experience



The Son Of Spong! in all its glory. From here you can go into either the Amiga Format or Amiga Shopper areas.

any months ago, when I was a lowly staff writer on this magazine and the deadlines seemed so much further apart, I had a great idea. Why not start up an *Amiga Format* Bulletin Board? After all, we were already spending several pages every issue telling people how fabulous Comms is, so why not provide them with an easy way to get into it?

So, we put one of our machines in the back room, wired up a couple of telephone lines and we were away. I spent several evenings configuring the software and several more loading files and generally making sure everything was all right. We got a Fidonet Node number and started getting mail. It all seemed to be working all right, so we decided to let our readers loose on it.

Although I had expected it to be busy, I never anticipated the sheer volume of calls that we received, with several hundred in the first few days. In fact, it was so busy that we were unable to call out for any mail, because immediately after someone hung up, somebody else would call in.

PANS!- The Beigs FORMY Bulletin Board Welcome to the finings Format Brea. From here you can leave messages for finings Format or download files. (1) About this Area! (6) Coverdisk Hotline 12) Hobeire Heusdesk THE SON OF SPONG (7) Ideas for this Zone a2) Internal Zones EVOLUTION *8) GOLD FISH CO-RON DOOR #4% Regulars 19) Gall Briga Hetnet FOR THE AMIGA MIGN FORMAT *** *5) Feedback to Editor sa) Link to Amiga Shopper 19288: BM1: IBM 18192 99198

Getting into Son Of Spong! gives you access to all sorts of wonderful things, including the PD programs reviewed in AF's PD Update and Demo Zone.

Although being busy wasn't a problem in itself, the response of the callers was. Many people expected the entire magazine and every Coverdisk we'd ever done to be freely available. Although some of the news and PD mentioned in *Amiga Format* was there, Spong! was designed to be an additional feature of the magazine, not something that replaced it.

Things started to go a little bit wrong from then on. Shortly after I'd spent a lot of time setting up a large number of file areas from a CD-ROM drive, an error on the hard disk caused the loss of several of the configuration files.

Fortunately, I had backed up most of the files on the BBS, so all I needed to do was to restore them from the back-up. But this turned out to be corrupted as well. Faced with the complete loss of

Richard Baguley explains exactly what happened with the Amiga Format Bulletin Board Spong! and introduces the all new Son Of Spong!

AMITCP GOES COMMERCIAL

Version 4 of the Amiga networking software AmiTCP has been released as a commercial product. Previous versions are still available, but now there is a fully functional demo of Version 4 available on the Internet (on any Aminet site). A whole host of new functions have been added, including several rewritten utilities and optimised versions of the programs for use with faster processors.

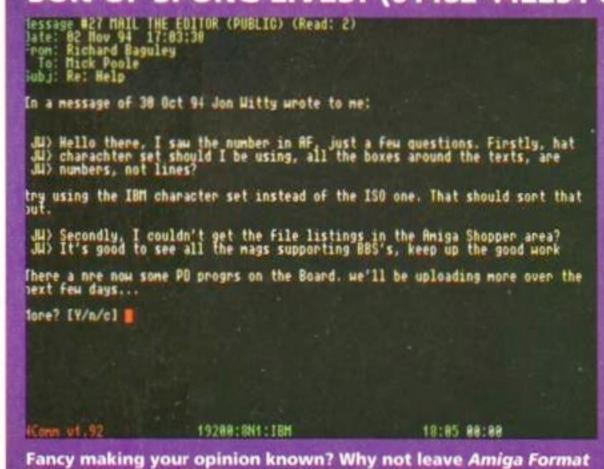
There is also a printed manual which goes with the program. A single-user version of AmiTCP 4 costs £61 (plus £4 p&p). I'll be taking a look at the full commercial version of AmiTCP in a future issue. Further information is available from info@nsdi.fi.

most of the control files for the BBS and many hours of work to recreate the file areas and menus that formed the BBS, we had to ask what future Spong! had. Unfortunately, we really didn't have the time to invest in getting the BBS back up and running.

So what have we learned from the Spong! experience? Two things: firstly, running a BBS takes a hell of a lot of work and secondly, some Comms users are ungrateful so-and-sos who don't appreciate our efforts.

The moral of the story? We promise to put a lot of effort into making Son Of Spong! work – and don't forget the hard work that your local Sysop puts into keeping a BBS running. Just take a few minutes to say thanks every now and then and don't forget to buy them an orange juice if you happen to meet them down the boozer.

SON OF SPONG LIVES! (01482 442251 or 01482 473871)



a message on Son Of Spong!?

Although Spong! has gone, we have made alternative arrangements and can now introduce Spong2! which has been combined with an existing Bulletin Board in Hull (Metnet Triangle) to form Son Of Spong!.

This allows you to send messages to both Amiga Format and Amiga Shopper and to download the PD and Shareware programs reviewed in both of those magazines. You can even use Son Of Spong! to enter any competitions in the magazine (although you need to know the answers first, of course).

Metnet Triangle Bulletin Board (and Son Of Spong!) can be contacted on either 01482 442251 or 01482 473871 (modem numbers).



A division of SOFTWARE PLUS

Britains's largest independent specialist retailer of computer games.



Established 1981

r Support fred Chicken ien Breed 2 (1 Meg) ien Breed Special Edition (1 Meg) nother World (1 Meg) oidya I New World Of Lemmings oocalypse quatic Games abian Nights (1 Meg) cade Pool cher McLeans Pool mour Geddon 2 sassin Special Edition R vard Winners Gold Edition ttlestorm ttletoads astbusters au Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg)	£10.99 £9.99 £10.99 £14.99 £14.99 £11.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £19.99 £2.99	Graham Gooch Second Innings Graham Gooch Test Match Cricket Gunship Gunship 2000 Heart of China Heimdall 2 High Seas Trader Hoyle Book of Games Vol 1 Hoyle Book of Games Vol 2 Impossible Mission Indiana Jones Atlantis Adv (1 Meg) Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2	£7.99 £19.99 £10.99 £10.99 £14.99 £10.99 £10.99 £22.99 £24.99 £8.99 £17.99 £17.99 £17.99 £12.99 £99.99	Sensible Soccer Int Edition. Sensible World of Soccer. Settlers (1 Meg). Shuttle. Sierra Soccer. Silent Service 2. Sim Ant Classic. Sim City Classic Sim City Classic Pack. Sim Earth Classic. Sim Life Classic. Sim Ufe Classic. Sim Dife Classic.	£19.99 £11.99 CALL £12.99 £14.99 £19.99 £10.99 £10.99 £10.99 £10.99 £10.99	Gunship 2000 Heimdall 2 High Seas Trader Impossible Mission Inferno Ishar 3 James Pond 2 Robocod James Pond 3 James Pond Compilation Jetstrike Jungle Strike Kick Off 3 Kid Chaos	£21.99 £29.99 £29.49 CALL £21.99 £11.99 £19.99 £19.99 CALL £18.99 £18.99	Lotus Trilogy Manchester United Premier League Mean Arenas Megarace Microcosm Mighty Max Morph Mr Blobby Nick Faldo Championship Golf	
r Bucks 1.9 r Support fred Chicken ien Breed 9 (1 Meg) ien Breed Special Edition (1 Meg) nother World (1 Meg) nother World Of Lemmings cocalypse quatic Games abian Nights (1 Meg) cade Pool cher McLeans Pool mour Geddon 9 sassin Special Edition R vard Winners Gold Edition ttlestorm ttletoads astbusters au Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg)		Graham Gooch Test Match Cricket. Gunship Gunship 2000. Heart of China Heimdall 2. High Seas Trader Hoyle Book of Games Vol 1. Hoyle Book of Games Vol 2. Impossible Mission Indiana Jones Atlantis Adv (1 Meg). Indiana Jones Fate of Atlantis Action. Indy Last Crusade Graphic International Manager Ishar 2. Ishar 3. Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod.	£19.99 £10.99 £10.99 £14.99 £14.99 £10.99 £10.99 £24.99 £8.99 £10.99 £17.99 £17.99 £17.99 £99.99	Secret of Monkey Island (1 Meg) Sensible Golf Sensible Soccer 92/93 Sensible Soccer Int Edition Sensible World of Soccer Settlers (1 Meg) Shuttle Sierra Soccer Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Sim Earth Classic Sim Life Classic Sim Life Classic Sim Dife Classic Sim Life Classic	£11.99 	High Seas Trader Impossible Mission Inferno Ishar 3 James Pond 2 Robocod James Pond 3 James Pond Compilation Jetstrike Jungle Strike Kick Off 3 Kid Chaos	£22.99 £22.49 	Manchester United Premier League Mean Arenas Megarace. Microcosm Mighty Max. Morph Mr Blobby Nick Faldo Championship Golf Nigel Mansell World Championship	
Support red Chicken en Breed 9 (1 Meg) en Breed Special Edition (1 Meg) other World (1 Meg) oidya New World Of Lemmings ocalypse quatic Games abian Nights (1 Meg) cade Pool cher McLeans Pool mour Geddon 9 sassin Special Edition R vard Winners Gold Edition tlestorm tletoads astbusters au Jolly Compilation neath a Steel Sky mefactor ds of Prey (1 Meg) ck Crypt	£9.99 £10.99 £14.99 £9.99 £11.99 £19.99 £17.99 £12.99 £17.99 £17.99 £17.99 £17.99 £17.99 £17.99 £19.99 £16.99 £16.99 £2.99	Gunship 2000 Heart of China Heimdall 2 High Seas Trader Hoyle Book of Games Vol 1 Hoyle Book of Games Vol 2 Impossible Mission Indiana Jones Atlantis Adv (1 Meg) Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£7.99 £10.99 £10.99 £14.99 £22.99 £10.99 £10.99 £24.99 £8.99 £10.99 £17.99 £17.99 £12.99 £9.99	Sensible Golf Sensible Soccer 92/93 Sensible Soccer Int Edition Sensible World of Soccer Settlers (1 Meg) Shuttle Sierra Soccer Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£12.99 £14.99 £19.99 £22.99 £10.99 £10.99 £10.99 £10.99 £10.99	Impossible Mission Inferno Ishar 3 James Pond 2 Robocod James Pond 3 James Pond Compilation Jetstrike Jungle Strike Kick Off 3 Kid Chaos	£99.49 	Mean Arenas Megarace Microcosm Mighty Max Morph Mr Blobby Nick Faldo Championship Golf Nigel Mansell World Championship	
en Breed 9 (1 Meg) en Breed Special Edition (1 Meg) other World (1 Meg) idya New World Of Lemmings ocalypse uatic Garnes sbian Nights (1 Meg) tade Pool ther McLeans Pool mour Geddon 9 sassin Special Edition vard Winners Gold Edition tlestorm tletoads astbusters au Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg) ck Crypt	£14.99 £9.99 £11.99 £19.99 £17.99 £12.99 £0.99 £11.49 £17.99 £17.99 £17.99 £19.99 £4.99 £16.99 £2.99	Heart of China Heimdall 2 High Seas Trader Hoyle Book of Games Vol 1 Hoyle Book of Games Vol 2 Impossible Mission Indiana Jones Atlantis Adv (1 Meg) Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£10.99 £14.99 £22.99 £10.99 £10.99 £22.99 £24.99 £17.99 £17.99 £17.99 £12.99 £91.99	Sensible Soccer Int Edition. Sensible World of Soccer. Settlers (1 Meg). Shuttle. Sierra Soccer. Silent Service 2. Sim Ant Classic. Sim City Classic Sim City Classic Pack. Sim Earth Classic. Sim Life Classic. Sim Ufe Classic. Sim Dife Classic.	£14.99 £19.99 £22.99 £10.99 £16.99 £10.99 £10.99 £22.99	Ishar 3 James Pond 2 Robocod. James Pond 3 James Pond Compilation Jetstrike Jungle Strike Kick Off 3. Kid Chaos		Megarace	
other World (1 Meg)	£9.99 £11.99 £8.99 £19.99 £17.99 £9.49 £6.99 £17.99 £17.99 £17.99 £19.99 £16.99 £16.99 £2.99	Heimdall 2 High Seas Trader Hoyle Book of Games Vol 1 Hoyle Book of Games Vol 2 Impossible Mission Indiana Jones Atlantis Adv (1 Meg) Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£14.99 £22.99 £10.99 £10.99 £24.99 £8.99 £17.99 £17.99 £12.99 £91.99	Sensible World of Soccer Settlers (1 Meg) Shuttle Sierra Soccer Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Sim Ufe Classic	£19.99 £22.99 £10.99 £16.99 £12.99 £10.99 £10.99 £22.99	James Pond 2 Robocod	£11.99 £19.99 £12.99 £19.99 CALL £18.99 £18.99	Microcosm Mighty Max Morph Mr Blobby Nick Faldo Championship Golf Nigel Mansell World Championship	
other World (1 Meg)	£11.99 £8.99 £19.99 £17.99 £12.99 £9.49 £6.99 £17.99 £17.99 £17.99 £19.99 £16.99 £2.99	High Seas Trader Hoyle Book of Games Vol 1 Hoyle Book of Games Vol 2 Impossible Mission Indiana Jones Atlantis Adv (1 Meg) Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£22.99 £10.99 £10.99 £22.99 £24.99 £8.99 £10.99 £17.99 £12.99 £21.99 £9.99	Settlers (1 Meg) Shuttle Sierra Soccer Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Sim Ufe Classic	£22.99 £10.99 £16.99 £12.99 £10.99 £10.99 £22.99	James Pond 3 James Pond Compilation Jetstrike Jungle Strike Kick Off 3 Kid Chaos	£19.99 £19.99 £19.99 CALL £18.99 £18.99	Mighty Max	
New World Of Lemmings	£19.99 £17.99 £12.99 £9.49 £6.99 £11.49 £17.99 £17.99 £19.99 £16.99 £2.99	Hoyle Book of Games Vol 2	£10.99 £10.99 £22.99 £24.99 £8.99 £10.99 £17.99 £12.99 £21.99 £9.99	Shuttle Sierra Soccer Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£10.99 £16.99 £12.99 £10.99 £10.99 £22.99	James Pond Compilation Jetstrike Jungle Strike Kick Off 3. Kid Chaos	£19.99 £19.99 CALL £18.99 £18.99	Morph Mr Blobby Nick Faldo Championship Golf Nigel Mansell World Championship Overfill & Lungs C	
New World Of Lemmings	£19.99 £17.99 £12.99 £9.49 £6.99 £11.49 £17.99 £17.99 £19.99 £16.99 £2.99	Hoyle Book of Games Vol 2	£10.99 £22.99 £24.99 £8.99 £10.99 £17.99 £12.99 £21.99 £9.99	Sierra Soccer Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£16.99 £12.99 £10.99 £10.99 £22.99	Jetstrike Jungle Strike Kick Off 3. Kid Chaos	£19.99 £18.99 £18.99	Mr Blobby	
ocalypse uatic Games bian Nights (1 Meg) ade Pool ther McLeans Pool nour Geddon 2 sassin Special Edition testorm tletoads astbusters au Jolly Compilation seath a Steel Sky pefactor ds of Prey (1 Meg)	£17.99 £12.99 £9.49 £6.99 £11.49 £17.99 £17.99 £19.99 £4.99 £16.99 £2.99	Impossible Mission Indiana Jones Atlantis Adv (1 Meg) Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod.	£92.99 £84.99 £10.99 £17.99 £12.99 £91.99	Silent Service 2 Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£12.99 £10.99 £10.99 £22.99	Jungle Strike Kick Off 3 Kid Chaos	£18.99	Nick Faldo Championship Golf Nigel Mansell World Championship	
uatic Games Ibian Nights (1 Meg) Idea Pool Incher McLeans Pool	£12.99 £9.49 £6.99 £11.49 £17.99 £17.99 £19.99 £4.99 £16.99 £2.99	Indiana Jones Atlantis Adv (1 Meg)	£24.99 £8.99 £10.99 £17.99 £12.99 £21.99 £9.99	Sim Ant Classic Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£10.99 £10.99 £22.99	Kick Off 3 Kid Chaos	£18.99	Nigel Mansell World Championship	
bian Nights (1 Meg) rade Pool rher McLeans Pool rhour Geddon 2 rassin Special Edition rard Winners Gold Edition tlestorm tletoads ristbusters ru Jolly Compilation reath a Steel Sky refactor restriction refactor restriction	£9.49 £6.99 £11.49 £17.99 £9.99 £17.99 £19.99 £4.99 £16.99 £2.99	Indiana Jones Fate of Atlantis Action Indy Last Crusade Graphic International Manager Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£8.99 £10.99 £17.99 £12.99 £21.99 £9.99	Sim City Classic Sim City Classic Pack Sim Earth Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£10.99	Kid Chaos	£18.99	Overfill & Lunar C	******
ther McLeans Pool mour Geddon 2 sassin Special Edition vard Winners Gold Edition tlestorm tletoads astbusters au Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg)	£11.49 £17.99 £9.99 £17.99 £19.99 £4.99 £16.99 £2.99	International Manager	£17.99 £12.99 £21.99 £9.99	Sim Earth Classic Sim Life Classic Simon the Sorcerer (1 Meg)	£22.99	W C	£99 99	Oversill or builds C	10000
nour Geddon 2 sassin Special Edition vard Winners Gold Edition tlestorm tletoads astbusters au Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg)	£17.99 £9.99 £17.99 £19.99 £4.99 £16.99 £2.99	Ishar 2 Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£12.99 £21.99 £9.99	Sim Life Classic		Kings Quest 6		Dinhall Fantacipe	
sassin Special Edition ard Winners Gold Edition tlestorm tletoads sistbusters su Jolly Compilation heath a Steel Sky hefactor ds of Prey (1 Meg) ck Crypt	£9.99 £17.99 £19.99 £4.99 £16.99 £2.99	Ishar 3 Ishar Legend of the Fortress Jack The Ripper James Pond 2 Robocod	£21.99	Simon the Sorcerer (1 Meg)	£10.99	Liberation Captive 2	CONTRACTOR TO TO TO	Pinkie	*****
Reard Winners Gold Edition	£17.99 £19.99 £4.99 £16.99 £2.99	Jack The Ripper James Pond 2 Robocod	£9.99	SITTION THE SOFCETET (I MER)	£10.99	Lion King	£19.99	Norther Cold	****
rard Winners Gold Edition	£19.99 £4.99 £16.99 £2.99	Jack The Ripper		Simon the Sorcerer 2	£00.00	Mighty Max	£17.99	B	
tlestorm tletoads astbusters au Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg)	£16.99 £2.99 £22.99	James Pond 2 Robocod	1,99,99	Skidmarks (1 Meg)	£17 00	Mutant League Hockey	£12.99	Rise of the Robots	
tietoads estbusters eu Jolly Compilation neath a Steel Sky nefactor ds of Prey (1 Meg)	£16.99 £2.99	Jimmy Whites Whirlwind Spooker	£8.99	Skitchin	CALL	Naughty Ones	£12.99	Robinsons Requiem	
u Jolly Compilation leath a Steel Sky lefactor is of Prey (1 Meg)	£22.99	THE RESERVE THE PROPERTY OF THE PARTY OF THE	£11.49	Soccer Kid	£11.49	On the Ball World Cup Edition	£18.99	Ruff N Tumble	
leath a Steel Skyefactor	£22.99	John Madden American Football	£10.99	Soccer Team Manager	£10.99	On the Ball League Edition	£19.99	Sabre Team	
nefactor ds of Prey (1 Meg)	£01 00	Jungle Strike	CALL	Space Crusade	£8.99	PBA European Tour Golf	CALL	Second Samurai	
ds of Prey (1 Meg) ck Crypt		Jurassic Park (1 Meg)		Space Hulk	£22.99	Pinball Fantasies	£19.99	Seek & Destroy	
ck Crypt		K240 (Utopia 2)	£19.99	Space Quest 1	£7.99	Pinkie	£17.99	Simon the Sorcerer 0	*****
ck Crypt		Kick Off 3	£12.99		£11.99	Power House		Clainformation	*****
1 /4 117		Kid Chaos	£17.99		£12.99	Premier Manager 3		Canada II O	*****
star (1 Meg)	£8.99	Kids Rule OK			£10.99	Putty Squad	CALL		
b	67.00	Kingmaker	CALL	Speedball 2	£8.99	Reunion (Hard disk only)	£22.99	Superfrog	*****
by Blows Galactic (1 Meg)	£14.00	Kings Quest 1	£10.00	Stardust special Edition	£00.00	Rise of the Robots	£28.99 £21.99		*****
ach 3	£99 90	Kings Quest 2			£0 00	Sabre Team	£19.00		
in the Lion	£17.99	Kings Quest 3		Stunt Car Racer	£4 00	Sim City 2000	£00.00	Super Putty	*****
tal Sports Football		Kings Quest 4		Super Frog (1 Meg)	£17.99	Sim Life	£0.00	Super Stardust	*****
bba N Stix	£12.99	Kings Quest 6	622.99	Super League Manager	£19.99	Simon the Sorcerer	£21.99	Surf Ninjas	
oble and Squeak	CALL	Knights of the Sky (1 Meg)	£10.99	Super Street Fighter 2	£19.99	Simon the Sorcerer 2	£26.99	Transcription of the second se	
np and Burn	£19.99	Leander	£9.99	Swiv	£3.99	Skeleton Krew	CALL	TOP OCO Zamanana	****
ntime	£17.99	Legacy of Sorasil	£16.99	Syndicate	£12.99	Skitchin	CALL	Total Carnage	
sar Deluxe	£10.99	Leisure Suit Larry 1	£12.99	Syndicate (1 Meg)	£12.99	Soccer Kid	£19.99	lower Assault	
npaign 2 (1 Meg)	£22.99	Leisure Suit Larry 2	£12.99	T2 Arcade Game	£21.99	Star Trek (Hard Drive only)	£14.99	Trivial Pursuit	
non Fodder	£19.99	Leisure Suit Larry 3	£12.49	Tactical Man. (Eng, Italy, Scot)	£18.99	Subwar 2050	£22.99	Trolls	
non Fodder 2	£19.99		£11.99	Team 17 Collection (1 Meg)	£19.99	Super League Manager	£19.99	UFO: Enemy Unknown	
tle Conquest	£17.00	Links Challenge	£12.99	Ten Intelligent Strategy Games	£19.99	Super Loopz		Ultimate Body Blows	
mp Manager Compendium		Lords of the Realm		Tennis Cup 9.		Super Standust	£19.99	Universe	
mp Manager Italia 95	£10.00	Lots Vikings		Their Finest Missions		Theme Park	£22.99	Uridium 2	
mpionship Manager EOS Diskos Engine		M1 Tank Platoon	£7.00	Thomas the Tank Engine Collection	£10.00	Top Gear Ω	£17.99	Vital Light	
istmas Lemmings	£10.00	Manchester United 94/95 Data Disk	£7 00	Tom Landry Strategy Football	£10.99	Tower Assault	£25.99	Wamble, Int Cocces	
istmas Lemmings 94	CALL	Manchester UTD Premier League	£19.99	Tornado		TFX	£96.99	Whales Voyage	
ssic Collection Delphine	£19.99	Manhunter New York	£12.99	Total Carnage	£19.99	Twilight 2000	£22.99	Wild Cup Soccer	
ssic Collection Lucas Arts	£19.99	Manhunter San Francisco	£12.99	Tower Assault	£13.99	UFO: Enemy Unknown			
ssic Collection Velocity	CALL	Maniac Mansion	£11.99	Traps n Treasures	£19.99	Wembley Int Soccer	£19.99		
o Football Manager	£19.99	Mean Arenas	£9.99	Trivial Pursuit	£6.99	Zool	£12.99		-11
z	£19.99	Micro Machines	£16.99	Turrican 3	£12.99	Zool 2		AMIGA BUSINESS	
onels Bequest	£12.99	Micro Machines 9	CALL	UFO Enemy Unknown	£22.99			Easy Amos	
nbat Air Patrol (1 Meg)	£16.99	Microprose Grand Prix	£10.99	Ultimate Pinball Quest	£19.99	CD32	· ·	Kind Words 3	
kers Compilation	£12.99	Monkey Island 2 Le Chucks Rev		Universe	£22.99		£19.99	Maxiplan 4	1
stal Kingdom Dizzy	£01.00	Monopoly		Uridium 2	E12.99	Alien Breed Special Edition & Qwak	£17.99	Publisher	
ay Beginning of the End eneration	£21.99	Mortal Kombat (1 Meg)	£10.99	Valhalla	£18.99	Arcade Pool	£9.99		
mere		Mr Blobby	CALL	Vital Light			£19.99	AMIGA EDUTAINMENT	
istone		Mr Nutz	£16.00	Wembley Rugby League		Battletoads	£12.99	ADI English 11-12-13-14-15yrs	
Luxe Strip Poker 2		Multi Player Soccer Manager	66.00	Wild Cup Soccer	£17.99	Brian the Lion	£17.00	ADI French 11-12-13-14-15yrs	
pcore		Mutant League Hockey	CALL	Wild Streets		Brutal Sports Football		ADI Maths 11-12-13-14-15yrs	
ert Strike	£9.99	Naughty Ones		Wing Commander	60.00	Bubba N Stix	£10.00	French 10 out of 10	
roit	£22.99	Nigel Mansell World Championship	£9.99	Winter Camp		Bubble and Squeak	£10.00	French 10 out of 10	
oosable Hero	£13.99	North and South	£3.99	Winter Olympics		Bump and Burn	£19.99	Fun School 4 under 5 yrs	
fight	£10.99	On the Ball League Edition	£18.99	Wizkid		Castles & Seige & Conquest	£12.99	Fun School 4 5-7 yrs.	
gonstone	CALL	On the Ball World Cup Edition	£18.99	Wonderdog	£7.99	Cannon Fodder	£21.99	Fun School 4 7-11 yrs	
amweb	£22.99	Overdrive	£12.99	World Cup USA 94	£18.99	Chaos Engine	£19.99		
e 2 (1 meg)	£19.99	Overlord	£22.99	World Cup Year 94	£19.99	Chuck Rock 2 Son of Chuck	£10 00	Noddy's Big Adventure	****
geon Master 2	£22.99	Perihelion	£19.99	World of Legends	£14.99	Dark Seed	£19.99	Noddy's Playtime	
nania	£17.99	PGA European Tour Golf	Call	WWF European Rampage (1 Meg)		Deepcore	£14.99	Paint and Create (Fun School spec)	
oire Soccer	£17.99	PGA Tour Golf Plus		Xenon 2	£5.99	Disposable Hero		Playdays	
Cive Action		Pinball Dreams & Fantasies	£22.99	A1200		Dizzy Big 6	£9.99		
sive Action of the Beholder	£10.00	Pinball Fantasies	£10.00	A1200	610.00	Dizzy Enchanted Worlds	£10.99		
of the Beholder 2	£12.99	Police Quest 1		Aladdin	£19.99	Dragonstone	CALL	Cheetah Bug	*****
hampionship Edition		Police Quest 1	£14.00	Alfred Chicken	£10.99	Empire Soccer	CALL	Logic 3 Dalta Day	****
7A		Police Quest 3	£10.00	All New World Of Lemmings		Fields of Glory	£19.99	Quickjoy Jetfighter	
Strike Eagle 2	£7.00	Premier Manager 2	£19.99	Banshee		Fireforce	£10.00	CUICKSHOT MOVETICK 1	
Solve Cagle 2	£4.99	Power Drive		Body Blows		Frontier Elite 2	£10.00	Quickshot Python	
Challenge (1 Meg)	£10.99	Premier Manager 3		Brutal Sports Football Deluxe		Global Effect	£10.00	Speedking Autofire	
on	£7.99	Prime Mover		Bubble & Squeak	£19.99	Guardian	£10.00	Zipstick Super Pro	
nan	£8.99	Project X (1 Meg)	£10.99	Bump and Bum	£19.99	Gunship 2000			
ds of Glory	£22.99	Quest for Glory 1	£12.99	Burntime	£17.99	Heimdall 2		Speedmouse Logic 3	*****
International Soccer	£19.99	Raiden	CALL	Civilization	£26.99	Impossible Mission	£19.99	3.5° Disk Box holds 50	-
hback (1 Meg)	£19.99	Reach for the Skies	£10.99	Clockwiser	£17.99	James Pond 2 Robocod	CALL	2 5" Diek Bay halde On	
tball Director 2	£5.99	Real World Football	CALL	Clue	£17.99	James Pond 3		Unbranded 3.5" blank dieke v10	
nt of the Amazon Queen	CALL	Realms		Combat Cars	£27.99	Jetstrike			
tball Glory		Reunion	£22.99		£22.99	Kick Off 3	£21.99	Zydec Upgrade NO CLOCK	*****
t Lines		Rise of the Robots		Dungeon Master 2	£22.99	Kid Chaos	£18 00	Zydec External disk drive	
tier Elite 2		Road Rash	£10.99	Evolution	CALL	Kingpin	CALL	Mouse Mat	
of the Furries	£14.99	Robinsons Requiem	£21.99	Exile	£19.99	Labyrinth of Time	£17.99	Lightwave Joystick Extension Lead	
		Robocop 3	£10.99	Fields of Glory	£22.99	Legacy of Sorasil	£19.99	Lightwave Joystick Splitter	
nes Espanà	E11.99	Ruff & Tumble	£17.99	Football Glory	£19.99	Lemmings	£17.99	Lightwave Co Axial Plug	

Fax: 0268 590076

Telephone Orders:

10am-7pm Mon - Fri, 10am-4pm Sat - Sun. Answering Service at all other times

Callers by appointment only. All prices include VAT & Postage for UK Mainland. Add £2.00 to postage price for Europe and £3.00 for rest of the world. Next day service available £3.70. Please send Cheques/PO's payable to:

SOFTWARE FIRST, 8 BUCKWINS SQUARE, BASILDON, ESSEX SS13 1BJ.

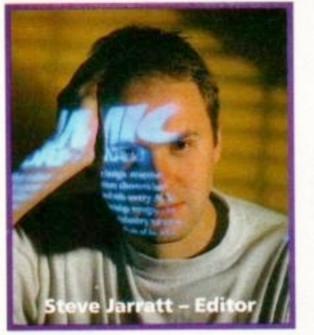
Please allow sufficient time for cheque clearance. Credit cards are not charged until day of despatch. Please state make and model of computer when ordering.

If you can't see what you want please call, new stock arrives daily.

Some titles may not be released at time of going to press. We supply only official UK product. Formats supported include Amiga, PC, ST, Master System, Megadrive and Game Gear. All prices subject to change without notice. All items subject to availability. E&OE.

Postcode Telephone ITEM COMPUTER PRICE ITEM COMPUTER PRICE COMPUTER PRICE POSTAGE TOTAL I enclose a cheque/PO made payable to Software First or please debit my Access/Visa: Expiry Date:

VISA



Mailbag Send your letters to: Letters To The Editor, Amiga

Send your letters to: Letters To The Editor, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW.

SOFT LOGIK SPEAKS

I read with interest the review of $PageStream\ 3$ in the November issue of $Amiga\ Format$. I am not disputing the rating (22%-SJ), nor the valid criticisms, but there are several glaring errors in this review.

AF: 'The program crashes whenever you try to load it'.

This is a blatantly false statement. How could Mr Dyson have made his screenshots if PageStream 3 crashed every time he tried to load it? What basis was there for this statement other than to disparage PageStream 3? None of the thousands of people using PageStream 3 have reported this problem, so it was a surprise to see this statement in your magazine.

AF: 'You can almost forgive Soft Logik for it being two years late'.

It was exactly one year and two weeks later than the original announced release date.

AF: 'Values in the box cannot be doubled-clicked to highlight them for editing, so you have to click and delete'.

The Mac OS and Windows allow this functionality – AmigaDOS does not. It is hardly fair to criticise us for not implementing something which is not supported in the Amiga Operating System. When versions of PageStream for Macintosh and Windows are released, users will be able to double-click to select text in a text string.

AF: 'Text can often not be re-coloured in PageStream 3'.



PageStream 3: was our reviewer Marcus

Dyson decent, honest and truthful?

The text colour feature is not implemented yet, so Mr Dyson could never have coloured it even once.

AF: 'BME (Bitmap Editor) is not too good at choosing palettes'.

If Mr Dyson had read the manual, he would have learned that the pen colours used to display pictures in *BME* are chosen by *AmigaDOS*, not by BME. He compared *BME* to *AdPro*, which is comparing apples to oranges. *AdPro* renders an image to a separate screen so it has control over all pen colours on that screen.

window on a public screen, which means that some pen colours are already assigned and reserved by AmigaDOS, and that pen colours must be shared. If BME rendered to a separate screen like AdPro, it would be free to work the same way as AdPro. But because BME allows users to edit their pictures in an AmigaDOS window, it must conform to the Amiga colour allocation system.

Hopefully, you or Mr Dyson will correct these errors in a future issue of *Amiga Format*. It is sad to see sloppy journalism in a magazine in which you personally guarantee thorough testing.

Michael Loader, Soft Logik Publishing, St Louis, USA

And Marcus Dyson replies...

Soft Logik are right in some areas, and I would like to apologise to them for any misrepresentation of their product. On a point-by-point basis:

1) I was referring to the fact that PS3 crashed whenever launched under a partial installation. I ran the program and obtained my screenshots under a full installation, but people who do not have 11Mb of hard disk space free would not be able to run v3.0 of PageStream.
2) I was not referring to the original

2) I was not referring to the original announced release date, but to the fact that when I took over as editor of Amiga Format in January 1993, Soft Logik were already promising review copies to the magazine "within a month".

3) I was not criticising either Soft Logik or the Amiga operating system. I was just pointing out a lack of functionality the potential user will have to face. It is a pity that the Amiga OS does not allow double-clicking on text strings in requester boxes, I m sure that if it did Soft Logik would have implemented it.

4) I used PageStream 3 a lot, it crashed a lot, and I had to re-start documents from the beginning a lot. This was a frustrating and confusing experience, during which I was sure that I had managed to re-colour text at some point. I accept that I was wrong.

5) I was not comparing BME to AdPro, I merely pointed out that a 24-bit picture reduced to 256 colours in AdPro and displayed in BME was superior to one palette-reduced in BME itself despite the fact that both these images use the same pen colours.

Despite my comments in the review, and the disappointing score, I look forward to Soft Logik defeating the considerable teething problems that PageStream 3 is experiencing. I am sure the product has what it takes to be a superb DTP package, and can't wait to try a fully-featured and stable version on my machine.

I will (I hope I am right about this Steve) be reviewing an updated version for Amiga Format as soon as Soft Logik release it (sounds good to me – SJ).

Marcus Dyson

DINE AL

(3)

3

6

CODE

magazin

en's are p

thout fail

m by no

gui ord

pr is fo

nun eds

i -until

PIRACY SOLUTION

I think that I might have solved the problem of software piracy.

I think it would be a good idea if companies sold a demo of the game on the shelf or by mail for, say £5, instead of the full game. On the disk would be information of how to purchase the full game and the price. If the customer liked the demo they could then buy the full game. However, if the customer, after reading the reviews and trying the demo, decided the game wasn't worth buying they would not have the heavy burden of knowing they had burnt a £25 plus hole in their wallet and therefore would not be lured into piracy.

Could you please inform some software houses for their opinions, maybe you could start a debate with other readers to get their ideas.

What do you at *Amiga Format* think about it, would it work?

John Fielden, Halifax

I don't think selling cheap demo versions is a bad idea. But one of the excuses used by people who pirate, or receive pirated games, is that they wouldn't have bought the game anyway, so the publishers don't lose out.

One of the great Shareware successes has been Doom on the PC,

Continued overleaf -

CHEAP SAMPLE

A couple of months ago I was browsing around the computer shops in the centre of Liverpool when I noticed a pre-release demo version of the Bullfrog game *Theme Park* selling for £2.99 on the PC. I don't know if there was ever a similar demo for the Amiga version of *Theme Park* because I haven't been to any computer shops since.

I work in the retail record business and I know what a difference a cut-price sampler makes when it comes to the consumer purchasing a full-price version of the product. This idea also shows that the manufacturer has every confidence that the product is good.

So, I say a big well done to Bullfrog and keep up the good work. Let's hope that in the future every software house catches on to the same kind of idea.

Carl Sixsmith, Westhead, Lancs

Well, every demo that appears on an Amiga Format Coverdisk performs the same function, so it's hardly a



All (well some) of the fun of the fair was made available to PC owners on a £2.99 Theme Park demo.

new idea is it? We've been doing it for five years! Still, it's a commendable service: let's hope more companies take note.



ORDER HOTLINE

TEL: 01908 277177 FAX: 01908 645397

HOW TO ORDER

Order by telephone quoting your credit card number and expiry date (credit cards are not charged until the day of despatch). If paying by cheque, please make payable to: SOFT EXPRESS LTD, DEPT NO. AMF01/CM,

6 WHARFSIDE, FENNY STRATFORD, BLETCHLEY, MILTON KEYNES, BUCKS MK2 2AZ. NO VISITORS PLEASE, MAIL ORDER ONLY



AMIGA	PRICE	AMIGA	PRICE	AMIGA	PRICE	When 2 Worlds War	£19-99
A-Train & Construction Set	£10-99	Guardian (1200)	629-99	Premier Manager 3	£16.99	Wild Cup Soccer	£18-99
Addiction	619-99	Gulp	619-99	Putty Squad Quest for Glory 1	£19-99 £12-99	Wing Commander Winter Olympics	£9-99 £20-99
Akira Aladdin (1200)	618-99 619-99	Gunship (XL) Gunship 2000	£8-99 £22-99	Quest for Glory 2	612-99	World Cup USA 94	£17-99
Alfred Chicken	69-99	Hanna Barbera Animation	629-99	Realms of Darkness	£16-99	WWF Wrestling 2	68-99
Alien Breed 2 - Tower Assault	£16-99	Hannibal	G18-99	Rings of Medusa Gold Rise of the Robots (1200)	£19-99 £25-99	Xmas Lemmings Zool 2 (1200)	£9-99 £8-99
Alien Breed 2 (1200) Alien Breed Special Edition	£18-99 £9-99	Harpoon Heimdall 2	G12-99 G22-99	Robinson's Requiem	621-99		
Alien Olympics	619-99	Hero Quest 2 Legacy	£16-99	Robinson's Requiem Ruff 'n' Tumble	£16.99	SPECIALS	PRICE
Alien Olympics All New Lemmings	£19-99	Hired Guns	622.99	Rugby League Rugby League Coach	£16-99 £16-99	Chaos Engine (A500/600)	69-99
All Terrain Editor Apocalypse	616-99 615-99	Impossible Mission (1200) Impossible Mission (600)	619-99 619-99	Ryder Cup (1200)	£16-99	Disc	£4-99
Arabian Knights	E4-99	Indiana Jones Last Crusade	£14-99	S.U.B.	£19-99	Federation of Free Traders	65-99 67-99
Arcade Pool	E4-99	Indianapolis 500	68-99	Second Samurai Sensible Golf	E19-99 T.B.A.	Jimmy Whites (bundle) Lemmings 2 Nick Faldo (A500/600)	612-99
Armour Geddon 2 Banshee (A1200)	615-99 616-99	Innocent Int-edition Sensible Soccer	£22-99 £19-99	Sensible Soccer 92/93	69-99	Nick Faldo (A500/600)	69-99
Beneath Steel Sky	619-99	Ishar 3	£21-99	Sensible Soccer 92/93 Sensible World of Soccer Settlers/Chaos Engine/Terminator 1/Cannon Fo	619-99	Nigel Mansell Grand Prix Premier Manager	£9-99 £7-99
Benefactor	617-99	John Madden Football Jungle Strike	£9-99 £16-99	Silent Service 2 (1 meg)	611.99	Premier Manager 2	69-99
Big Sea Body Blows	£18-99 £9-99	Jungle Strike (1200)	618-99	Sim Ant	68-99	Quadrel Soccer Kid	64-99
Body Blows (1200)	69-99	Jungle Strike (1200) Jurassic Park	£16-99	Sim Earth Sim City 2000	E8-99 E22-99	Syndicate (500/600)	£9-99 £9-99
Body Blows Galactic	617-49	Jurassic Park (1200) K240	616-99 617-99	Sim City Deluxe	619-99	Titus the Fox	67-99
Body Blows Galactic (1200) Breach 3	614-99 622-99	Kick Off 3	£16-99	Sim City/Lemmings	£19-99	Warriors of Reylene Zool	67-99 67-99
Brian the Lion	615-99	Kick Off 3 (1200)	£16-99	Sim Classics (3 in one pack) Sim Life	£19-99 £8-99	Zool 2	69-99
Brutal Sports Football	E9-99	Kid Chaos Kingdom of Germany	£16-99 £19-99	Simon the Sorcerer	£21-49		
Bubba 'N' Stix Cannon Fodder	£16-99 £14-99	Kingmaker	622-99	Simon the Sorcerer (1200)	622-99	UTILITIES	PRICE
Cannon Fodder 2	£19.99	Kings Quest 1	£12-99	Skeleton Krew (1200) Skid Marks	622-99 612-99	20 Blank Disks	611-00
Champ. Manager	£10-99	Kings Quest 2 Kings Quest 3	£12-99	Skid Marks Upgrade	£12-99	50 Blank Disks 100 Blank Disks	£16-00 £30-00
Champ Manager 93 Champ Manager – End of Season	£16-99 £12-99	Kings Quest 6 (1200)	E22-99	Soccer Kid (1200)	G12-99	250 Blank Disks	£70-00
Champ Manager Italia	£16-99	Kings Quest 6 (1200) Kid Vicious Lambourghini	£16-99	Soccer Star World Cup Sorcerer (1200)	£16-99 £25-99	Amos 3D	622-99
Champ Manager Of Ceases	67-99	Legacy of Sorosil	£16-99	Sorcerer (1200) Space Academy	£19-99	Amos Compiler Amos Easy	£19-99 £22-99
Civilisation (1 Meg) Civilisation (1200)	622-99 618-99	Lion King (1200)	619.99	Space Adventure Space Hulk	E22-99 E22-99	Amos Easy Amos Professional	£31-99
Classic Collection Lucas	619-99	Lords of Power Lotus Trilogy	622-99 611-99	Space Hulk Spelling Four Stardust Special Edition Startrek 25th Anniversary Streetfighter 2 Strike Squad Super Skids	£16-99	Amos Professional Compiler Deluxe Paint 4 (1 meg) Deluxe Paint 4 (AGA)	£24-99
Classic Collection Down	619-99	Lure of the Temptress	£12-99	Stardust Special Edition	E9-99	Deluxe Paint 4 (1 meg)	655-49 660-49
Combat Classics 2	619-99 619-99	Magic Boy Magicians Castle	£16-99	Startrek 25th Anniversary Streetfighter 2	E22-99 E9-99	Disk Box 100 Cap Kindwords 3 Mini Office	£7-99
D Day	E21-99	Magicians Castle Man Utd Prem Champs	£19-99 £18-99	Strike Squad	£22-99	Kindwords 3	619-99 636-99
D-Generation Dawn Patrol	£10-99 £25-99	Micro Machines	£16-99	Super Skids Super Stardust	£19-99	Mousemat	62-99
Dennis + Gnasher	615.99	Microprose Grand Prix Mighty Max (1200)	£28-99	Super League Manager	£19-99 £19-99	External Disk Drive	E49-99
Desert Strike	69-99	Monkey Island 2	616-99 622-99	Tactical Manager	G16-99	EDUCATIONAL	PRICE
Detroit Disposable Hero	621-99 616-99	Monopoly	£18-49	Tactical Manager 94/95	69.99	Adi English (11-12)	£16-99
Dragon Stone	£19-99	Morph (1200) Mortal Kombat	£19-99 £22.99	Tactical Manager (Eng) Tactical Manager (Italy) Tactical Manager (Scot) Team 17 Collections	£16-99 £19-99	Adi French (12-13)	£16-99
Dreamlands	£18-99	Mr Blobby	£12.99	Tactical Manager (Scot)	£19-99	Adi French (13-14) Adi Junior Counting (6-7) Adi Junior Reading (4-5)	616-99 613-49
Dune 2 Embryo	£10-99 £16.99	Mutant League Hockey	£16-99	Team 17 Collections Tensia	£16-99 £16-99	Adi Junior Reading (4-5)	613-49
Empire Soccer	616-99	NHL Hockey	£18-99 £18-99	TFX (1200)	£22-99	Adi Junior Reading (6-7) Adi Maths (11-12)	£13-49
European Champions	£16.99	Mr Blobby Mutant League Hockey Mutant League Hockey (1200) NHL Hockey Nick Faldos Golf	£14-99	The Blue & the Grey	622-99	Adi Maths (12-13)	£16-99 £16-99
Evasive Action Eye of the Beholder 2	619-99 612-99	One Step Beyond On the Ball, End of Season	£12-99	The Clue The Settlers	£19.99 £19-99	Adi Maths (13-14)	£16-99
Fields of Glory Fields of Glory (1200)	619-99	On the Ball, End of Season On the Ball League	£19-99	Thoma Bark	622-99	Funschool 3 (5-7)	613.99 613.99
Fields of Glory (1200)	625.99	On the Ball League Edition (1200)	£21-99	Theme Park (1200) Turrican 3 (1200) Top Gear 2 Hard Driving Turrican 3 (600)	622-99 616-99	Funschool 3 (7+) Funschool 4 (2-5) Funschool 4 (5-7) Funschool 4 (7+) Merlin Maths (7-11)	£16-49
FIFA International Soccer Football Glory	619-99 616.99	Overkill Overlord	£12-99 £22-99	Top Gear 2 Hard Driving	£16-99	Funschool 4 (5-7)	£16-49
Football Glory (1200)	£19.99	PGA European Tour	£16-99	Turrican 3 (600)	£16-99	Merlin Maths (7-11)	616-49 616-99
Formula One Champions Formula One Team Manager	E19-99	PGA European Tour (1200) PGA Tour Golf & Courses Pinball Double Pack	£18-99	UPG	E22-99 E28-99	Mega Maths A level Micro English	£16.99
Evantier Elite 0	£19-99 £18-99	Pinball Double Pack	618-99 621-49	UFO (1200)	£22-99	Micro English Micro French	£16-99 £16-99
Fury of the Furries	69-99	Pinball Fantasies (1200) Pinkie	£19-99	Ultimate Pinball	£19-99	Micro German	£16-99
G2 Genesia	£16-99	Pinkie Police Quest 1	616-99	Universe Valhalla Lord of Infinity	T.B.A. 619-99	Micro Maths	£16-99
Goal	£19-99 £10-99	Police Quest 1	612-99 612-99	Vital Light	£19.99	Micro Science Micro Spanish	£16-99 £16-99
Goblins 3	E22-99	Police Quest 3	£12-99	War in the Gulf	£20-99	Noddy's Big Adventure	£16-99
Graham Gooch 2nd Innings Graham Gooch World Cricket	611-99 618-99	Populous/Sim City Power Drive	£16-99 £19-99	AMIGA Wembley Int Soccer	PRICE £16-99	Paint and Create (U'5's)	£16-99
		A STATE OF THE PARTY OF THE PAR		NAME AND ADDRESS OF TAXABLE PARTY.		Spelling Fair (7-13)	£16-99
				EMBERSHIP FEE			
CD 32	PRICE	CD 32	PRICE	CD 32	PRICE	CD 32	PRICE

Dizzys Enchanted Worlds Donk E19-99 E17-99 Legacy of Sorosil Lemmings Sensible Soccer 69.99 617-99 616-99 **Alfred Chicken** 619-99 Sim City 2000 Skeleton Krew Skid Marks 622-99 622-99 £16-99 Alien Breed 2 Allen Olympix Arabian Knights Arcade Pool Banshee Battlechess Dragon Stone Elite 2 Evasive Action Lion Heart Litil Divil 619-99 618-99 £18-99 £16.99 613-99 618-99 619-99 Liverpool Football Lost Vikings Lotus Trilogy Man United Premier Champs £9.99 £9.99 Sleepwalker Soccer Kid 619.99 619-99 £10.99 Fields of Glory Flimbos Quest Fuzzball £92-99 £9-99 £9-99 £19-99 619-99 619-99 **Soccer Team Manager** 617-99 614-99 E19-99 E15-99 E19-99 Speedball 2 £9.99 £19.99 619.99 Genesia Gunship 2000 Heimdall 2 Impossible Mission Inferno Microcosm Mighty Max Morph Mr Blobby NHL Hockey T.F.X. **Battletoads** 629-99 **Beneath a Steel Sky** 616-99 Top Gear 2 (Hard Drivin) 619.99 Blump 'n' Burn Brutal Sports Football Bubba 'n' Stix Bubble and Squeak Cannonfodder 620-99 619-99 619-99 619-99 612.99 **Tower Assault Trivial Pursuit** 619-99 619.99 69-99 617-99 619-99 Trolls 619-99 616-99 Nick Faldo Nigel Mansell Pinball Fantasies International Karate International Soccer E9-99 E19-99 619-99 619-99 619-99 UFO Ultimate Body Blows 621-99 619-99 614-99 619-99 £18-99 Castles 2 James Pond 3 **Vital Light** 619.99 619.99 Wembley Int Soccer Whales Voyage John Barnes Jungle Strike Jurassic Park Powerdrive Putty Squad £10-99 £13-99 £10-99 £18-99 Chuck Rock D-Generation 619-99 £19-99 £19-99 619-99 Rise of the Robots RoadKill Darkseed Deepcare Dennis £19-99 £14-99 £13-99 619-99 **Wild Cup Soccer** 622-99 £18.99

Ryder Cup

624-99 616-99

PLEASE WRITE IN CAPITAL LETTERS Please supply me with the following for computer		ACCESS/VISA CARD NO. EXPIRY DATE SIGNATURE
ITEM	PRICE	DATE
		NAME
		ADDRESS
		POSTCODE
POSTAGE		TEL:
TOTAL		AMIGA FORMAT JANUARY ISSUE 1995

Kick Off 3

Kid Chaos

***REMEMBER. IF YOU CAN'T **SEE WHAT YOU WANT** PLEASE PHONE

AND ASK!****

£19-99

619-99

Zool 2

DELIVERY CHARGES

612-99

£17.99

- FREE 2nd class recorded delivery for peace of mind
- EEC £3 per item
- NON EEC £4-50 per item
- PRICES INCLUDE VAT AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE NOTE SOME TITLES MAY NOT BE RELEASED AT THE TIME OF PRESS. ALL ITEMS SUBJECT TO AVAILABILITY. E & OE

THEME PARK 1

My warning is about the Electronic Arts game *Theme Park*, which I bought for my A1200 which has 4Mb of memory and a 200Mb hard drive. Anyway, to cut a long story short, I installed *Theme Park* to hard drive to discover it consistently crashed from anything like five minutes to one hour into the game.

After wasting several hours trying different things suggested in the troubleshooting guide, I gave up and phoned the helpline. I was informed that the problem is with the game itself. Apparently, this is because it hadn't been tested with all types of Fast RAM and the only way I can play it is from floppies because the game then doesn't use more than 2Mb.

The fact *Theme Park* was installed to hard drive was one of the major selling points for me and consequently I have now returned the game to John Menzies.

Ex-EA customer, Alan Scott, Fife

We've had a few complaints about
Theme Park so we're collating all your
comments to send to EA. If you've found
any bugs write to us at the usual address
and mark your letter Theme Park.

THEME PARK 2

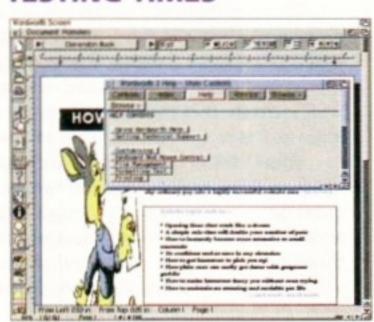
After eagerly reading your exclusive review of *Theme Park* (*AF63* 91%) I quickly ordered it from a mail order company. Firstly, I had to wait for several weeks before receiving it (probably not your fault), and secondly after reading the manual discovered that I need 2.5Mb RAM before installing it on to my hard drive (A1200). This was not mentioned anywhere in your review or do you assume everyone has spent £100 or more on an expansion?

Richard Stone, Nottingham

Ah, yes. Steve McGill has come clean and accepted that this was an error of his devising. But neither EA nor Bullfrog actually told us you need 2.5Mb for the installation to take place (why 2.5 Mb!?) and, unfortunately, our A1200 had a RAM expansion up its bum when Theme Park arrived.

However, it seems that EA were also caught on the hop – Theme Park boxes now have a sticker on the front mentioning the fact. If you've got a copy which isn't hard disk installable on your Amiga, send it back and ask for a refund.

TESTING TIMES



A bug-free version of Wordworth was achieved thanks to the beta testers.

1) In reference to Mr Gleave's letter (AF64, Beta By Design) in which he asked how to become a beta tester, I would like to inform you of my experience. When I saw Silica's discount offer for Wordworth 3.0 in AF, I decided to upgrade and was

Continued overleaf ⇒

THE BITS ON THE SIDE...

Just a little note to say how much I like the Subscribers' Superdisk. I think it's wonderful. It's probably my favourite part of the magazine, because it is always interesting and has some nice things on it.

James Prior, Waterlooville

Aw shucks! All just part of our on-going plan to make subscribers love us even more. And if YOU don't subscribe, just listen to that nice Mr Prior.

I am writing to you concerning the 3D graphic software *Playmation* (AF56). You said it was not available in the UK then but I was wondering whether it is now? If so can you give me the address of any stockists and the price?

If not could you suggest other equivalent 3D software that would run on an Amiga 500 with 1Mb upgraded memory?

Christopher Parry, Wirral

Even though Cineplay Interactive are based in Vancouver, there's no reason why you shouldn't order Playmation from them. Their order line number is 0101 206 750 0042 – you'll either need to send an International Money Order, which your bank can organise, or pay by credit card. The complete Playmation 1.4a package costs \$299 (plus \$50 postage) which comes to £164 – according to the current exchange rate of 2.13 \$Canadian to 1.00 £UK.

Two points regarding issue 64:

1) The review of Simon The Sorcerer on CD³². I agree that using the CD³² controller drives you into an insane, hysterical, gibbering wreck, that's why I used the mouse as per the manual's instructions, and thoroughly enjoyed the game (personal rating 93%).

2) Why on the front cover has it got written under the Future Publishing logo your guarantee of video where normally it has written your guarantee of value?

John Moore, Manchester

 We can't rely on every CD³² owner having bought a mouse as well. But point taken.

2) This is what's known as a 'gag'. Since the cover, main feature and a large proportion of the serious pages were dedicated to desktop video on the Amiga, we thought it was funny to desecrate the otherwise sacrosanct legend of Future Publishing. Sort of.

I am an accountant who uses double-entry bookkeeping. My son has an A1200, and I want to know if it's any use to me in my work which is basically accounts and taxation for sole traders and partnerships. Teddy Daniel, Birkenhead

Only last issue, we reviewed Easy
Ledgers 2 which earned itself a 94% AF
Gold for being especially great at just
this very subject. If you have a hard
drive and fancy a bit of double-entry
action, contact Small Biz Software on
101 61 7491 9190 and be prepared to
part with £180.

In the October issue you showed two fruit machine games programmed by John Ingham, but you didn't state where they can be obtained from. Can you tell me where I can buy them and the cost? C Washbourne, Cheltenham

Hmph. You didn't read the text very closely did you? Both Licenceware games are available for £3.99 from F1 Licenceware at 31 Wellington Road, Exeter, Devon EX2 9DU.

RE: TALES OF RETAIL

I note the comments made in your recent article with regard to technical support for Amiga users (The Jeff Walker Column, AF64). We are a small family-owned computer dealer, struggling to survive the low margins on Amiga products. I agree with many of the points made in your article, but I must disagree when you mention lack of expertise as a reason dealers cannot help.

We try to provide the best service we can to our customers, which includes fitting upgrades, installing software, fixing naff disks, installing printer drivers, holding hands with people who can't be bothered to read the manual and much more. All this time is paid for from profits and we would love to be able to employ more people to provide a better service. We have been guilty of the 'take it to where you got it or ring the software house' syndrome. We have no choice.

Profit margins do not allow us time to play with all the software and hardware we stock to give us the technical expertise that you consider we are lacking. I agree with your comments on training, it is however usually impossible to obtain a leaflet or point of sale material from distributors or manufacturers, let alone training. Commodore are major culprits here.

Mail order firms start up, undermine the market, and go out of business. Any idiot can sell product at mail order prices and go broke owing money to distributors and publishers. The list as you know is very long. This is all paid for by the dealers still in business and the buying public. We cannot match mail order prices and stay in business, but the public seem to think that we are profiteering and making a fortune.

The small dealer is the backbone of the Amiga market, we try to help where we can but our resources are limited more by financial restraints than an unwillingness to train staff. We are now selling more and more PC products, not because we want to but because this is the way the market is leading, especially with the Commodore situation at the moment.

You are our customers, you pay our mortgages, without you we would not be here, but it is hard out here, the hours are long and the rewards not great. As far as we at Computer Store are concerned we will still do our best, but it is becoming harder to provide the service customers expect and deserve and stay in business.

Give me a ring, come and see us and see the other side of the counter for a day, you are being unfair tarring us all with the same brush.

Roger Godsafe, Computer Store, Essex

Over to Jeff...

Perhaps unwittingly, Roger, you have confirmed pretty much everything I said in that column, and in an earlier column about how cutthroat dealers were in undermining the Amiga market. OK, I suggested that lack of expertise was normally the reason for poor after-sales support, but before that I suggested that low profit margins were also a reason, the implication being that low profit margins equal little or no training, the end product being poor after-sales support.

Low profit margins is one of the excuses you tabled for it becoming harder for you to provide the after-sales service the customer expects and deserves, and still stay in business. Profit margins do not allow us time play with all the software and hardware. Your words. If I tarred you, it seems to me that you added a topcoat.

In your defence you have pointed your finger at the lack of support you have received from manufacturers and distributors, and from Commodore themselves. Fair point, and one which I too made. It's such a shame that the tone of your letter is that the writing is on the wall. Just because you are selling more PC products does not mean that Amiga owners should be treated as second class citizens. They might want to buy a PC one day...

en's are p

thout fail

m by no

gu ore

ш

3

6

BALL 28

agazines s are pu ut fail m by no ir

rde, rde

 one of the many who received a great, but very bug-ridden product.

I wrote to Digita, detailing all the bugs I'd found and offered a few suggestions. I also added that if they required any more beta testers, I'd be pleased to oblige, and detailed my set up. A few days later I received a letter from Digita asking me to fill in a non-disclosure form, and later another with beta versions of v3.0a. This letter is being written in another version I'm evaluating.

Concerning piracy of beta versions, Digita personalise copies before sending them to us, so they can identify any leak.

2) From what I can gather, Backstage is written well in advance of the issue it goes out with, reminiscing on the news of the past month. I would prefer a Backstage written towards the latter stages of the mag, so that any news too late to be printed in the mag could be passed on a month earlier to us special readers. If there's no late news you could describe the chaos that occurred creating that issue of the mag. 3) When you provide us with CG fonts, either on Coverdisks or Subscribers' Superdisks, please check the quality of them. Zfutura (on TV*Text Pro) has an error on the letter Q, and the letter C in BauhausLight and the letter U of BauhausThin are obvious problems which make both fonts useless. May I suggest that the alphabet is typed in lower case and capitals in large and small sizes to locate these errors.

Jonathan Day, Lincolnshire

Yes, Backstage is written weeks before Amiga Format goes on sale; we simply can't prepare Backstage any later because it has to be printed ready to be inserted in the finished Subscribers' magazines. Such are the rigours of magazine production. For instance, I'm answering these letters on November 8 (my birthday, as it happens). Then I'll do Backstage, which has to be finished by ... er... oh. Tomorrow (yikes!). And the magazine doesn't actually go on sale until December 15!

We did tell you to ignore Zfutura because it was included as a last-minute bonus, but was later tested and found to be unusable. The Bauhaus fonts obviously slipped through our net, but Jason Holborn assures me that he always runs the fonts through Typesmith to check their quality and integrity. I don't think you'll find fault with any of the recent fonts we've given you.

SET FOR ADVENTURE

Back in the dark ages, I owned an Amstrad CPC464, and I remember there being some decent adventure creators available, the most popular being Graphic Adventure Creator, and The Quill. Well, now, I own an Amiga 500+ with 2Mb of memory, a 42Mb



Black Dawn was created in AMOS, which just happens to be on the Coverdisk.

hard drive and Canon bubblejet. Quite a step up.

Anyway, in the October 1994 issue of Amiga Format there were two graphic adventures, Starbase 13 and Black Dawn (PD Update, p19 - SJ); I would like to know what program these were written in because I am a budding adventure writer, but the likes of AMOS are just not dedicated enough for the production of quality adventures - not in my experience.

If you would be so kind as to tell me what program each of these adventures were written on, then I could produce some great adventures! Anyway, if not, is there a PD adventure creator? I haven't seen one. Please help.

> Andrew Thelwell, **Budding Adventure Creator**, Stoke-on-Trent

Good news and bad news. Bad news: they were both written in AMOS! (As well as the fruit machine simulators on the same page). Good news: this issue has AMOS Pro on the Coverdisk, and over the coming months we'll be telling you just how to get the most out of this astonishing package. With some technical knowledge and a little imagination, I'm sure you'll be knocking out great adventure games every half an hour - or so.

FAULTY MOTION VIDEO

Thanks for allowing me to let off steam regarding the MPEG demos on the Coverdisc of of the Amiga CD32 magazine. I have decided not to go overboard and complain regarding the quality of these demos but I genuinely feel this Coverdisc has put back the case for MPEG encoding by ten years.

To be fair the article in the magazine regarding MPEG was excellent and I hope you will set the record straight with editorial in AF to clear the confusion as to what this demo was or what it was supposed to do - it certainly was not MPEG to the standard laid down.

J Blackburn, Multi Media Machine, Bolton

I agree that the demos were misleading to say the least. They were MPEG encoded files, but running under software decompression - that's why they were so slow. The demos were intended to show MPEG technology at work, but, er, didn't. Just ignore them, OK?

THE MAN AT THE TOP

Write to Commodore UK managing director David Pleasance c/o Amiga Format, 30 Monmouth St, Bath BA1 2BW.



I am a regular reader of the Future magazine Edge and have noticed that it has little faith in the Amiga or its future. Intentionally or otherwise, at every possible chance it says how inferior it is compared to the PlayStation or Saturn, yet defends the 3DO. I am writing this letter to you and not Edge because everyone who has written to Edge to defend the Amiga (me included) has been fobbed off with them dodging the questions.

Far be it from me to tell you what to do, I can only advise you and make you aware of the situation that persists in Edge. It would not be so bad if Edge were another cheap magazine - but it's not, the reverse is true. It is in fact the best-presented magazine available and on the whole it is well written. It is taken seriously by consumers and the software industry alike and was voted magazine of the year at the Indin Industry awards.

What I think is needed is for somebody with clout, such as yourself, to write to Edge and defend the Amiga. Edge covers the future of interactive entertainment, surely the Amiga is part of that and should be taken seriously within its pages. Because this magazine holds a lot of weight, thousands of Amiga sales have undoubtedly been lost already, if something isn't done, thousands more will be.

Nick Donnelly, Ely, Cambs

I'm sorry you're unhappy with the lack of Amiga coverage in Edge. I agree with you that Edge is a good magazine, and I for one welcome its arrival. It's a measure of the size and diversity of the games industry that we have so many different titles - and opinions – to choose from. You need have no fears about the future of the Amiga as an interactive entertainment platform. I realise that over the past few months the Amiga may have seemed to be rather low profile. But we're tantalisingly close to completing our management buy-out and as soon as it goes through, we'll be able to tell the world about all the great plans we have for the world's favourite home computer. I guarantee you'll be delighted.

Thanks for your support.

I visited some friends in Norway and used their A500+ for playing games, writing letters and generating pictures. It didn't take long before I realised that this was the computer for me. Returning home to Latvia I've tried to get an A1200 but unfortunately I haven't found anyone who sells it. Credit cards aren't available here so I can't order goods directly from the UK.

The computer market in Latvia is saturated by IBM machines. But Commodore could do well by marketing Amigas for university students and schools. Some of them still have ancient Russian-produced computers with 32K of RAM. As far as I know there are a handful of Amiga users in Latvia and they have a common problem of getting software as well as hardware for their machines.

So my problem is where to get an Amiga. And I have several questions: 1. Are there any Commodore dealers in the Baltic States (Latvia, Estonia and Lithuania)?

2. If not - are Commodore going to establish an Amiga Centre here soon? 3. If not - would it be possible for Commodore to send me an A1200 with 80Mb hard drive and Frontier Innovations and/or Desktop Dynamite Pack, cash on delivery?

Girts Bensons, Latvia

Thanks for your letter and welcome to the worldwide band of Amiga enthusiasts. I appreciate your problem obtaining an Amiga in Latvia. You may not be aware that Commodore International went into liquidation earlier this year and the Commodore UK management team is currently trying to buy the whole Commodore business from the liquidators. We're nearly there, and we've been talking to distributors all over the world. I don't think we've spoken to anyone directly from the Baltic States yet, but I'm very interested in what you say about the potential market for Amigas there. I will look into the possibility of appointing a distributor as soon as the buy-out is complete. We don't sell direct at all - but hopefully you'll find an Amiga distributor near you before long.

CALL SANTA ON 01442 233393 CALL SANTA ON 01442 233393

ANIGA SUPPL



AMIGA 1200

Superb Xtra Value Packs includes on site Race & Chase Innovations

£279 £324 No Hard Drive £467 £422 85 Mb Hard Drive £514 £469 127Mb Hard Drive £534 250Mb Hard Drive £489 £519 £564 340Mb Hard Drive £644

£599

HARD DRIVES

All our Hard Drives are preformatted and partitioned, complete with cable, fitting instructions and setup software.

20 Mb Hard Drive 40 Mb Hard Drive 60 Mb Hard Drive 85 Mb Hard Drive 127 Mb Hard Drive 250 Mb Hard Drive 540 Mb Hard Drive

tting service includes UK wide door to door courier £99 callection and delivery only £15 £109

£119 2.5" Cable only 3.5"-2.5" Cable only £19 £154 Set-up Software only £179

A1200 MEMORY Hawk Range

Maximise the power of your A1200 and be ready to fulfil the full potential of the new generation of powerful software. Supports up to 8Mb of FAST RAM and the powerful 68882 Co Processor. With battery backed clock/calendar facility. Simply plugs in trap door.

Hawk 1 Mb/no FPU £96 Hawk 2 Mb/no FPU £136 Hawk 4 Mb/no FPU £194 Hawk 8 Mb/no FPU £374

Fast 68882 Co Processors 20Mhz £24 33Mhz £59 40Mhz £79 50Mhz £119

MONITORS



540Mb Hard Drive

Philips 8833 Mk II £214 Philips Mtr TV Scart £189 (NEW WHITE CASING) Multi Sync High Res Microvitec 1438 £284 with Stereo Sound

MULTI-SYNC COLOUR 0.28 PITCH MONITORS 14" Professionally refurbished. With stereo will display ALL Amiga graphics modes.

MODEMS



All modems are complete with Amiga and PC communication software, cables 2 year warranty and FAX capability.

Faxlink 2400 / 9600 Fax bps £69 Faxlink 14.4k bps (V32bis/MNP1-5 etc) £129 Faxlink 19.2k bps (V32 terbo/MNP 1-5 etc) £199

INTERNET THE COMPLETE REFERENCE The most comprehensive guide available includes more than 750 resources plus 1 MONTHS ACCESS to the INTERNET only

A1200 CD-ROM

D32/Kodak compatible Plugs into PCMCIA port Dual Speed Reads CD32, PC(ISO9660), Audio and Mac (HFS) CDs

COMPACT



FLOPPY DRIVES

A500/A1200 High Quality External Drive £54 £36 A500 Internal Replacement Floppy Drive €42 A1200 Internal Replacement Floppy Drive

POWER PACKS

More powerful than the original

A500 A1200 4600

CD32 A590 GVP

MEMORY

A500 0-5 Meg A600 1 Meg £34 A600 1 Meg + Clock £39 A500 0-5 Meg + Clock £14 A500 1-5 Meg PCMCIA 2 Meg £108 PCMCIA 4 Meg £158 A500 plus 1 Meg

SPECIAL OFFER A500 2 Mb ChipMemory only £124 1Mb Simm A4000 1Mb by 8/9 Simm £34 2Mb Simm A4000 £19 £69 1Mb by 4 ZIPS 4Mb Simm A4000 256K by 4 DIL 8Mb Simm A4000

SPECIAL OFFER A1200 Clock/Calendar only £17

WORKSTATIONS

Converts your Amiga into a professional work centre. Allows your Monitor/TV/External Drives/Midi Interface/Genlocks etc to sit above your Amiga saving desk space, in a similar fashion to IBM PC's A500 £29 A600 £26 A1200 £29



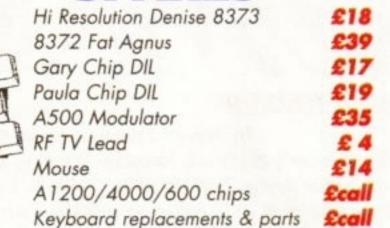
Flat Bed Scanners

Power Scanner V4 Power Colour V4

£116 £136 £236 **EPOA**

£15

SPARES



Full range of leads also available

WORKBENCH & ROM SWAPPERS

2.04 KickStart Chip 1-3 KickStart Chip £19 Automatic KickStart Switcher £18 2.04 KickStart + Automatic Switcher £35 £35 1-3 KickStart + Automatic Switcher WorkBench Manuals + Disks £49

Complete Kit includes 2-04 KickStart + Workbench Manuals + Disks

Total Branded DD Disks (10 off) Quality unbranded DD Disks (50 off)

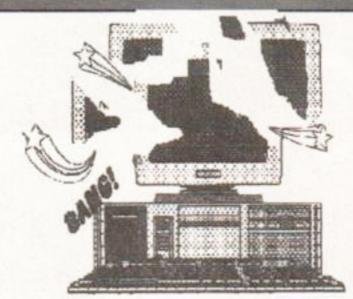
Disk Box 50 Capacity Disk Box 100 Capacity Disk Box 200 Capacity



Mouse Mat Printer Paper (500 cut sheets, laser quality) £ 5
Printer Paper (2000 sheet tractor feed) £18
Dust Covers A600/500/1200/Monitors £ 6

REPAIRS

A500 fully inclusive at or	aly £39.95*
A1200/600/2-4000	from £15.00
Archimedes (all)	from £15.00
Monitors/Printers (all)	from £15.00
PC's (all makes)	from £25.00
SEGA/Nintendo	from £10.00
Atari ST/E/MEGA	fixed price £44.95*
Atari Falcon/Jaguar	from £15.00



REPAIRS

A Total service from the professionals

- 1) Courier Collection UK Wide available at only £7.50
- 2) All Repairs guaranteed for 90 days.
- 3) Fully Trained Technicians.
- 4) Professional Internal/External Valet only £9.00
- 5) Courier Return Delivery only £5.00
- 6) Professional Maintenance Contracts available.

Call Now on 01442 233393

*We reserve the right to reject repairs, full charge applies. Fixed price repairs exclude complete drive/keyboard replacements

01442 233393 (4 LINES)



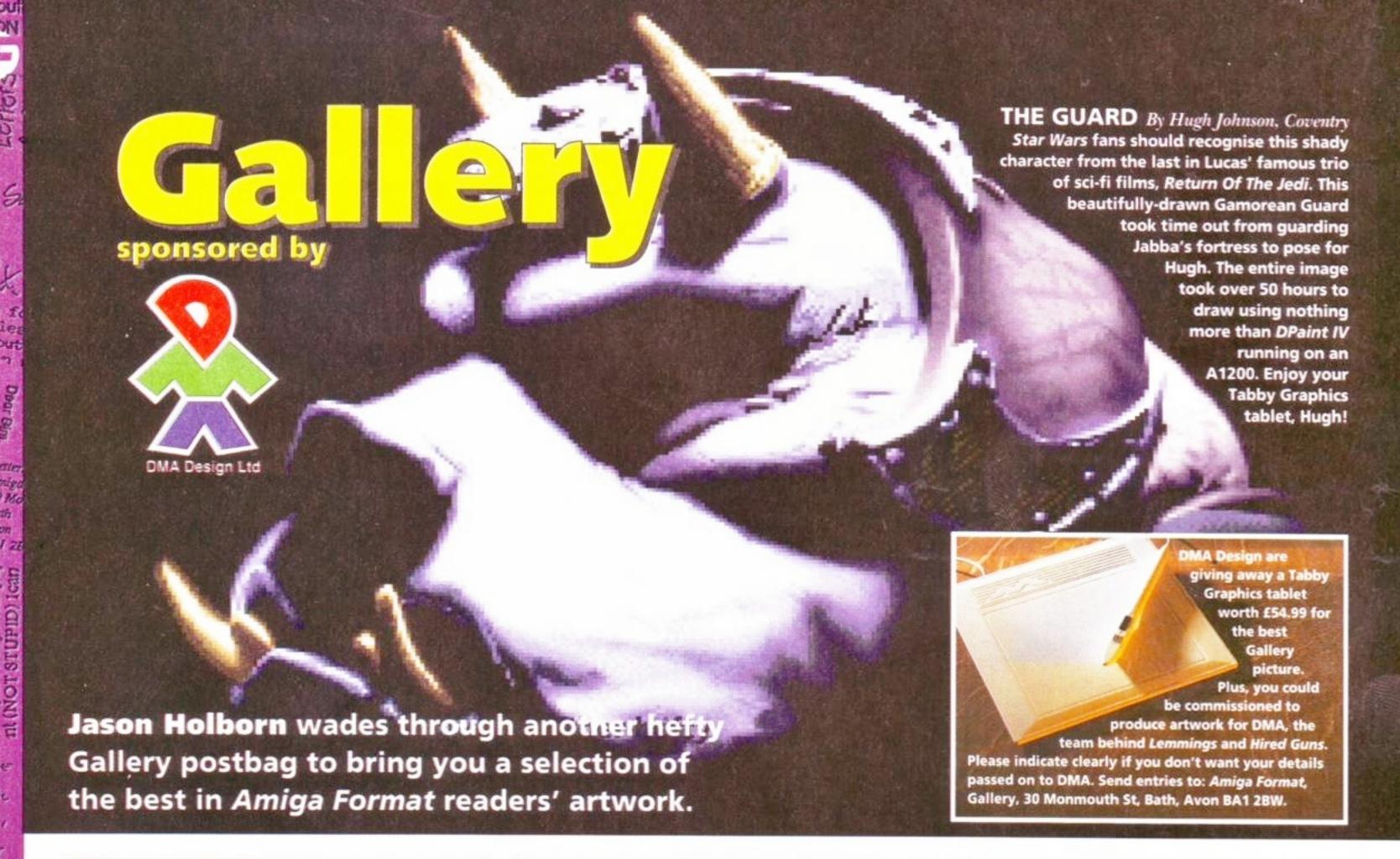
All prices include VAT

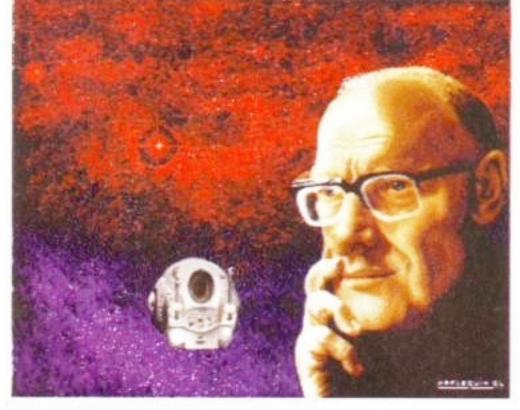
Educational Discounts available Cheques should carry guarantee number on reverse No charge for normal delivery

TOTAL COMPUTER SUPPLIES 123 MARLOWES **HEMEL HEMPSTEAD** HERTFORDSHIRE HP1 1BB

£65

All trade marks acknowledged. Allow 28 days. 1 year warranty E & OE





ARTHUR C CLARKE

By J Austin Taylor, Kingston-upon-Hull
Drawing a famous person is perhaps the toughest
task an artist can take on because the picture is
judged on the likeness rather than artistic merit. In
this case the artist scores very well on both points.



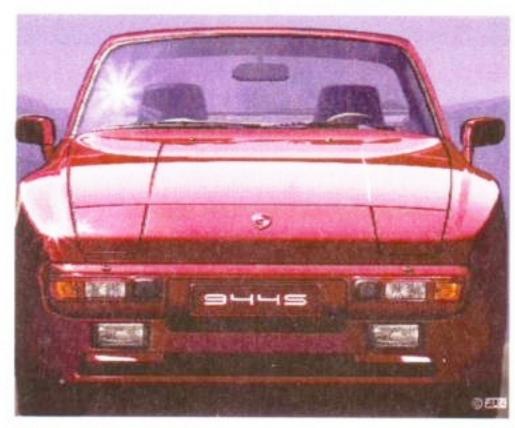
BACK LADTRA 2

By T J Coraldean, London
Based on the Disney movie Lady And The Tramp, Mr
Coraldean's image captures the warmth and colour
of Disney's early animations. Note the superb use
of high contrast colour ranges to produce depth
and to accentuate the effect of the light source.



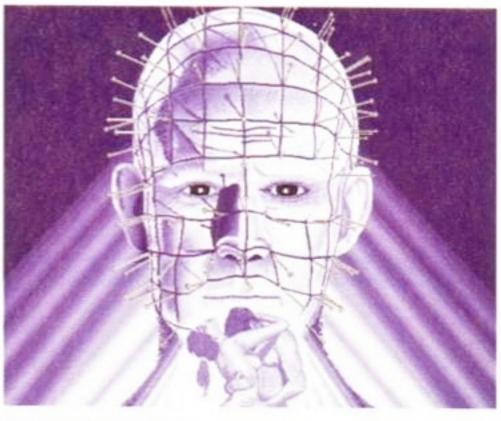
FRIENDSHIP

By Keith Rhodes, County Durham This fantasy picture was created by Keith using only Brilliance and loads of patience. Keith claims that he spent over 80% of the time taken to create this image working with Brilliance's Magnify tool.



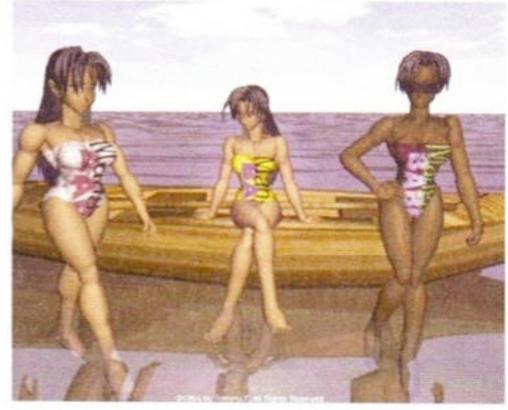
PORSCHE 944S

By Auburn Hodgson, Cleveland
The A1200's AGA chip set may be ideal for creating
great artwork but, as Auburn proves here, an A500
is still a useful artist's tool. Drawn by hand using
DPaint III, Auburn has made considerable use of
gradient fills to create the illusion of more colours.



HELL RAISER

By Martin Edwards, South Glamorgan
Clive Barker's Pin Head character is a very popular
subject for Amiga Format Gallery artists. Drawn
using DPaint IV AGA on an A1200, the restricted
colour palette gives this image an eerie feel.



SUN BABES

By S P Pang, Brisbane
This picture was constructed and rendered using an
A1200 equipped with a GVP A1230 '030 accelerator.
The software used was Imagine 3, DPaint IV and
GVP's ImageFX rendering program. Worth noting is
the clever use of brush maps on the bikinis.

magazine

i's are pu

out fail n

a by no n

FORMAT SHOPS DIRECTORY

CONTACT DAVE MATTHEWS - 0225 442244 BOX ENTRIES £45 PLUS VAT

SOUTH EAST

Computer Cavern

23 Harris Arc, Off Friar St, Reading, Berks, RG1 1DN Tel: 0628 891101

Computer Cavern

Capri House, 9 Dean St, Marlow, Bucks, SL7 3AA Tel: 0628 891101

Computer Solutions

5 Chingford Mount Road, London, E4 Tel: 081 523 5566

Computer Solutions

38 Chingford Mount Road, London, E4 9AB Tel: 081 523 5566

GMC Computers

14 Coggeshall Road, Braintree, Essex, CM7 6BY

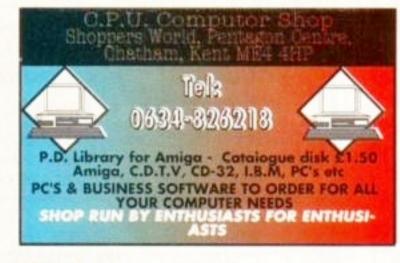
Tel: 0376 553333 **GMC Computers**

65 North Street, Sudbury, Suffolk, CO10 6RE **GMC Computers**

21 Gaol Lane, Sudbury, Suffolk, CO10 6JL Tel: 0787 374959

Hi-Tek

245 Broadway, Berleyheath, Kent, DA6 8DB Tel: 081 303 4862



Mega Byte

103 Elners End Road, Beckenham, Kent, BF3 4SY Tel: 081 676 8488

One Step Beyond

9/11 Bedford Street, Norwich, Norfolk, NR2 1AR Tel: 0603 616373

SRS Micro Systems

94 The Parade, Watford, Herts, WD1 2AW Tel: 0923 220558

SS Computers

Eastgate Shopping Centre, Basildon, Essex, SS14 1JJ Tel: 0268 273273



FOR ALL YOUR AMIGA NEEDS **CALL IN OR PHONE**

Software Emporium

Magdalen Street, Norwich, Norfolk, NR3 1AA Tel: 01603 633362

TORC Software

9 Wilton Par, Feltham High St, Feltham, TW13 4BU Tel: 081 893 2100

Viking Computers

Ardney Rise, Catton Grove Rd, Norwich, NR3 3QH Tel: 0603 425209

Game Zone

18-20 New Rents, High St, Ashford, Kent, TN24 0AB Tel: 0233 663996



AMIGA STOCKIST LOCATED AT

High St. Bognor Regis (01243) 867143 High St. Littlehampton (01903) 723735

Eastgate Sq. Chichester (01243) 788052

For all Amiga peripherals

F1 Return

19 London Road, Lowestoft, Suffolk, NR32 1BA Tel: 0502 512416

SOUTHWEST

Softsell Computers & Games

The Shopping Mall, Trowbridge, Wiltshire, BA14 DW Tel: 0225 769331

Computer Plus

14 Scarrots Lne, Newport, Isle of Wright, PO30 1JD Tel: 0983 821222

Computer Shop

4 Holland Walk, Barnstaple, Devon, EX31 1DW Tel: 0271 78787

Computerbase

21 Market Ave, City Cent, Plymouth, Devon, PL1 1PG Tel: 0752 668635

Exmouth Computers

7/9 Exeter Road, Exmouth, Devon, EX8 1PN Tel: 0395 264593



COMPLETE PC SYSTEMS "AMIGA SOFTWARE"

"UPGRADES "SOFTWARE" 'MONITORS 'CD ROM' 'MEMORY 'PERIPHERALS'

SOUNDCARDS *PRINTERS* "SCANNERS "MODEMS" "AND MORE"

VICTORIA CENTRE, 138 - 139 VICTORIA RD. SWINDON TEL: 0793 514746

Megabit Computers

46 Colwell Centre, School Street, Weymouth Dorset, DT4 8NJ

Quantum Computers

2a Blenheim Road, Minehead, Somerset, TA24 5PY Tel: 0643 703883

Total Computing

16 Station Rd, Parkstone, Poole, Dorset, BH14 8UB Tel: 0202 717001

Ancics

Royal Parade, Plymouth, PL1 1DU

Tel: 0752 221851

RJ Computers

30 Westbourne Road, Downend, Bristol, BS16 6RX Tel: 0272 566369

Hampshire Videocentre Portsmouth Rd, Lowford, Southampton, SO3 8EQ

Tel: 0703 404773 Hytek Computer Retals Ltd

52 Oreston Rd, Plymstock, Plymouth, Devon, PL9 7JU Tel: 0752 484114

CENTRAL

Bits & Bytes

62c London Road, Oadby, Leicester, LEICS, LE2 5DH Tel: 0533 711911

Computability

35 Bethcar Street, Ebbw Vale, GWENT, NP3 6HW Tel: 0495 301651

Computer Supercentres

15 David Street, Cardiff, South Glam, CF1 7DE Tel: 0222 390286

Comtazia Ltd

204 High Street, Dudley, West Midlands, DY1 1QQ Tel: 0384 239259

Comtazia Ltd

8 Mealcheapen St, Worcester, WR1 2DH Tel: 0905 723777

Comtazia Ltd

4/6 The Arcade, Walsall, West Midlands, WS1 2RE Tel: 0922 614346 Comtazia Ltd

171/177 High St, West Bromwich, W Midlands, B70 7RB

Tel: 021 580 0809 Comtazia Ltd 25, Beechwood Pl, 123 High St, Cheltenham, GL50 1DQ

Tel: 0384 261698 Comtazia Ltd

The Shopping Mall, Merry Hill Centre Brierley Hill, West Midlands, DY5 158 Tel: 0384 261698

PC COM-

Plus **AMIGA HOME** & BUSINESS

Bits & Bytes, Unit 5 St Peters Lane, Leicester LEI 4GH TEL/FAX: 0533 513372 Open: Tues - Sat 9.30am - 4.45pm

24 HOUR HOTLINE: 0533 711911

Fortiss Computers

138 Wood St, Earl Shilton, Leicester, Leics, LE9 7ND Tel: 0455 850980 Jet Computer Systems

13. The Market, Pentrebane St, Caerphilly, CF8 1FU Tel: 0222 880600

Kettering Computer Centre

15/17 High Street, Kettering, Northants, NN16 8ST Tel: 0536 410070 Screen Scene

144 St Georges RdCheltenham, Gloucs, GL50 3EL Tel: 0242 528979 Soft Centre

Cambrian Retail Centre, Newport, GWENT

Tel: 0633 222481 Soft Centre 30 The Parade, Cwmbran, GWENT

Tel: 0633 868131

Soft Centre 20 The Market Place, Blackwood, GWENT Tel: 0495 229934

5 Deer Walk, Cent Milton Keynes, Bucks, MK9 3AB Tel: 0908 670620

T.M.J. Computer Software

39a Station Rd, Desborough, Northants, NN14 2RL Tel: 0536 762713 Computer Mail

Unit 16 Downstairs, Harpur Centre, Bedford, MK40 1TP Tel: 0234 218228

Get Real

31 High Street, Wootton Bassett, Wilts, SN4 7AF Tel: 0793 848428

Mr Softee

39, Pembroke Cent, Swindon, SN2 2PQ Tel: 0793 431193

NORTH

A18 Business Systems

9 St Martin's Cres, Scawby, Brigg, S Humbers, DN20 9BQ Tel: 0652 651712

BDB Corporate Computers

BDB Cent, 94 Derby Rd, Farnworth, Widnes, WA8 9LQ Tel: 051 495 1977

Bolton Computer Centre 148/150 Chorley Old Rd, Bolton, LANCS, BLO 3AT

Tel: 0204 31058 Chips Computers 9 Newport Rd, Middlesborough, Cleveland, TS1 3LE

Tel: 0642 252509

Chips Computers Clarks Yard, Darlington, Co Durham, DL3 7QH

Chips Computers Silvercourt Cent, Silver St, Stockton, Cleveland, TS18 15X

COMPUTER WORKSHOP

12 Newmarket St, Consett, County Durham Tel: 01207 502249

* Large stock of games all under £20

* Repairs * Peripherals * PD ★ Great prices for Hard Drive installations

Chips Computers

7 Dundas Street, Redcar, Cleveland, TS10 3AD Computatill Ltd

77/79 Chadderton Way, Oldham, OL9 6DH Computer & Games Centre

33/34 St Nicholas Cliff, Scarborough, N Yorks, YO11 2ES Computer Mania The Balcony, Market Hall, Derby, DE1 2DP

Tel: 0332 292923 Computer Store

21a Printing Office Street, Doncaster, DN1 1TP Tel: 0302 890000



The Computer Repair Specialists

47-49 Railway Road, Leigh, Lancs WN7 4AA Tel: (0942) 672424/261866

Computer Store

40 Trinity Street Arcade, Leeds, LS1 6QN Tel: 0302 890000

13 Westmoreland Street, Wakefield, WF1 1PN Tel: 0302 890000

Computer Store

Computer Store 14 St Sampsons Square, York, YO1 2RR Tel: 0302 890000

Computer Store

4 Market Place, Huddersfield, HD1 2AN Tel: 0302 890000 Computer Store

34/36 Ivegate, Bradford, BD1 1SW Tel: 0302 890000

Computer Store 44 Market Street, Barnsley, S70 15N

Tel: 0302 890000 Computer Store

5 Cole Street, Scunthorpe, DN15 6RA Tel: 0302 890000

54 East Mall, Four Seasons Centre, Mansfield, NG181SX Tel: 0302 890000

Computer Store

Computer Store 10 Square, The Woolshops, Halifax, HX1 1RU Tel: 0302 890000

Computer Store (HO)

Units 13-15, Guildhall Industrial Estate Kirk Sandall, Doncaster, South Yorks, DN3 1QR Tel: 0302 890000

The Exchange

14 Church Road, Urmston, Manchester, M41 1BV Tel: 061 747 4069

Format

Rink Shopping Centre, Swadlincote, Derbys, DE11 8JL Tel: 0283 219224

Grantham Computer Centre 4 Kings Wk, Guildhall St, Grantham, Lincs, NG31 6NL

Tel: 0476 76994

Humberstone Computer Centre 49 Fieldhouse Rd, Humberton, Grimsby, DN36 4UJ

Tel: 0472 210601 Just Micro

22 Carver Street, Sheffield, South Yorks, S1 4FS Tel: 0742 752732

Lanway Corp Business Systems Ltd

T/A Burnley Computer Centre 31-39 Manchester Rd, Burnley, Lancs, BB11 1HG

Tel: 0282 31108

Long Eaton Software Centre Commerce Hse, West Gate, Long Eaton Notts, NG10 1RG Tel: 0602 728555/46

MCB Computing Group

24 Mill Lane, Buckley, Clwyd, CH7 3HB Tel: 0244 544063 M6 Computers Ltd

340 Haydock Lne, Haydock, St Helens, Lancs, WA119UY Tel: 0942 719122

Mansfield Computers & Electric 33 Albert Street, Mansfield, Notts, NG10 1EG

Tel: 0623 631202

North Notts Computer Centre 23 Outran St, Sutton In Ashfield, Notts, NG17 4BA

Tel: 0623 556686 **Postbyte Computers**

1-4 Great Northern House Great Northern Ter, Lincoln, Lincolnshire, LN5 8HN

Tel: 0522 525321 **Pudsey Computer Shop** 161 Richardshaw Lane, Pudsey, Leeds, W Yorks,

LS28 6AA Tel: 0532 360650

Tel: 0942 321435

Tel: 0782 268620

Tel: 061 480 2693

S.G.M. Electronics 54 Wigan Lane, Wigan, Greater Manchester, WN1 1XS

Sapphire Software 81 Abergele Road, Colwyn Bay, Clwyd, LL29 75A

Tel: 0492 534831 Software Superstores Ltd 11 Market Square Arc, Hanley, Stoke On Trent, ST1 1PD

Software Superstores Ltd 6 Mealhouse Brow, Stockport, Greater Man, SK1 1JP

Software Superstores Ltd 27 Baldwin St, St Helens, Merseyside, WA10 2RS Tel: 0744 27941

The Courtyard, 5 Horsemarket St, Warrington, WA1 1XL Tel: 0925 232047

Software Superstores Ltd

Software Superstores Ltd (HO)

Software Superstores Ltd

Unit 50 Golborne Gallery, The Galleries Wigan, Greater Manchester, WN1 1AU Tel: 0942 826956

Unit7a Oldham St, Hanley, Stoke On Trent, ST1 3EY Tel: 0782 202250

TEC-NOL Ltd

249 New Rd Side, Horsforth, Leeds, Yorks, LS18 4DR Tel: 0532 590020 Tim's Megastore

29/31 Sunderland St, Macclesfield, Ches, SK11 6JL Tel: 0625 434118

Tomorrow's World 27/33 Paragon Street, Hull, Humberside, HU1 3NA Tel: 0482 24887

44 St Petersgate, Stockport, Greater Man, SK1 2HL

Tel: 061 477 6739 VUDATA 203 Stanford St, Ashton-Under-Lyne, Lancs, OL6 7QB

VUDATA

SCOTLAND

Tel: 061 339 0326

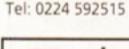
Bits and Bytes 21b Commercial Street, Dundee, Tayside, DD1 3DD Tel: 0382 22052

Computer Depot

205 Buchanan St, Glasgow, G1 2JZ The Games Gallery 35 Barclay St, Stonehaven, Kincardineshire, AB3 2AX

Tel: 0569 764051 Moray Business and Computer Centre 20 Commerce Street, Blginm, Moray, IV30 1BS

111 Holburn Street, Aberdeen, AB1 6BQ



Tel: 0343 552000

Holburn Software

the computer depot

WE SUPPORT **AMIGA**

205 Buchanan Street, Glasgow G1 2JZ SHOWROOMS ON FIRST FLOOR Tel: 041 332 3944





AMIGA FORMAT MARKET PLACE **Beauford Court**

30 Monmouth Street Bath, Avon

BA1 2BW

Tel: 0225 442244 Fax: 0225 480325



Amiga A1200 Blank Disks

We accept cheques for payment

Dept AF, 22 Church View Close, Havercroft,

Wakefield, West Yorkshire WF4 2PH

Quality PD & Shareware / Catalogue disk 50p

* SPECIAL OFFER*

Every 10 disks you BUY choose 5 EXTRA FREE

Offer ends 31st August 1995

Disk Prices: All disks 99p each

Postage & Package 50p

Make Cheques/Postal Orders payable to: K M Lumsdon

ARNOLD COMPUTER SUPPLIES

DSHD Disks £25 per 50 (Pre-formatted)

PD LIBRARY NOW OPEN!

Please send £1 or 4 1st class stamps for catalogue

Free local delivery and installation (10 mile radius)

Many more items stocked.

Please phone or tax for latest prices.

Barry Voce 0602 264973

11 Campion Street, Arnold,

Nottingham NG5 8GR

£19 per 50 inc. labels

VISA

Pen Dragon PD Public Domain available at £1.25 per Disk 100 Capacity Lockable Disk Box 100 Capacity Stackable Disk Box Mouse Mats

\$1.99 Mouse House 51.99 10 Blank Disks 3.5" DS/DD \$3.50 Laminating of documents available, ring for details. P&P 75 pence on disk orders We have all Assassins & Fred Fish disks.

AMIGA SOFTWARE

HIRE CLUB

3 Briarbank Avenue,

Nottingham NG3 6JU

Send SAE for full details

C64 list also available on request

Can you manage an England Squad to beat the world?

England's Challenge

Another of our fantastic Speedway games for

any Amiga (min. I meg) £7-95 plus FREE Newsletter

Cheques, P.O.s, Euro Cheques (extra £2 overseas)

payable to ET SOFTWARE

Dept AF, 18 Telford Avenue, Lillington,

Leamington Spa CV32 7HL

AMIGA DELUXE

A1200/A600/A500

Direct from manufacturer

Allow 21 days delivery

Price £34.00 inc. VAT & P&P

Please send cheques/PO's payable to:

NUTEK LTD, Unit 12, Langley

Terrace Ind. Park, Latimer Road,

Luton LU1 3XQ Tel/Fax 0582 30931

WORKSTATIONS 🏖

MODI D'TEAM CLIAMDIONCHIDE

Pen Dragon PD is a subsidiary of Grimsby & Cleethorpes CDA Opening Times 10am - 4pm

50 Binbrook Way, The Willows

Estate, Grimsby DN37 9AS

Tel: (01472) 886386

59.95

Please send blank disk + S.A.E. for catalogue disk + 2 free games. 40 Northwell Gate, Otley, West Yorks LS21 2DN

OVER 4000 TITLES

Non profit P.D.

SOMETHING FOR EVERYONE

KEW = IISoftware TOP QUALITY AMIGA PD & SHAREWARE CATALOGUE WITH PHONE ANYTHOR INDEX & UTILS ONLY &1 1-3 DISKS &1.50 P.O. BOX 672 4 PLUS DISKS &1.25! PICK YOUR OWN PROGRAMS BY SURREY CR2 9YS

PREE PRINCIPLY HELP, POST OR SOUTH CROYDON TAME, NUMBER & SIZE! IT'S EASY! TEL: 081 657 1617

THE LEADER - OTHERS CAN ONLY FOLLOW!

BobEL

Intuition based shape editor

for use with

BLITZ Basic

From: "ASPIRE 2" 0352 761798

Strathspey, Pentre Hill, Flint Mountain,

Clywd CH6 5QN

50 TOP AMIGA GAMES

FOR ONLY £9.99 POST PAID

These games are not public domain. They are all 1993.

opywrited games titles. Adventures, puzzlers, platformers, shoot em ups, beat em ups etc.

Some of these games were mega hitsl

FUTURE SOFTWARE (AF)

8 MAGNOLIA PARK, DUNMURRY,

BELFAST BT17 ODS

Compatible with all Amigas. 1 Meg only.

Fast despatch on orders

PUBLIC DOMAIN

DEPT AF67

ROTHERHAM

WE ALSO STOCK PC SHAREWARE

Convert your Amstrad

COLOUR MONITOR

Hagars Electronics, 127 High Street,

Sheerness, Kent ME12 1UD

Tel (0795) 663336

Cheques/Postal Orders accepted

FROM

PER DISK

426128/664 (no sound)......

4 Plus (includes sound)...

ACTIVITY SOFTWARE

393 DONCASTER ROAD

S. YORKSHIRE S65 2UF

MADE

£9.90.

...£19.90.

DIY

£5.90

£29,90

£8:90

SEND 25p STAMP FOR

FREE CATALOGUE DISK

GET A CREATIVE EDGE DTV TOOLKIT /OLUME 1: CORE F/X Anims & SFX for videographers ONLY £29.99 DETAILS FROM CHROMA 01328 862693

MULTIPIX

SCENIC VIEWS CD ROM

0387 254195

A complete one on one beat em up for 1 meg Amigas

Send Cheque/PO for £6-00 to

Black Paladins, Hillcrest, Veryan,

Truro, Cornwall TR2 5QA

Make cheques payable to S.J. Buddle

Free Catalogues

of 4000+ disks from 75p

Clip Art Business

V Utilities Assassins

V Education V Fish etc.

Softcell Services Shareware

25 Maywood, Brynna, Pontyclun CF7 9PZ

Tel: 01443 238630 Fax: 01443 228966

The cheapest PD around

17 Bit, PD Soft, Assassin etc

1000th member gets an A4000/080

500th member get a CD32 +SX-1

200th member gets an A1200

And every 50th member gets 100 blank disks

It costs £10 to join and you will receive a

catalogue disk and membership number

Make cheques/PO's payable to Larry Larkin

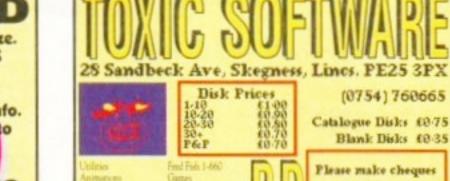
W. YORKS HX2 8DQ

40 COUSIN LANE, OVENDEN, HALIFAX,

Martial Sp

.1 stop 1 disk free for every 5 disks purchased! 57 EUROPA ROAD LOWESTOFT, SUFFOLK NR32 4BQ.

TEL: 0836 328263



Blank Disks 60:35 Please make cheques payable to: -TOXIC SOFTWARE PD

ARE AMIGAHOLICS

NO PC'S, NO MEGA SEEDY'S 100% AMIGAS.

Send SAE for list or 50p for disk. Loadsa Amiga PD stuff,

including Clipart, Anims, Utilities, Fonts, Music,

FREE friendly advice or help.

Assassins, Game Disks, L.S.D. Legal Tools & Demos.

Remember we only do Amiga P.D. & Shareware

1 Disk £1.50, each additional disk £1 Send Cheques/P.O.s to:
Order 5 disks get 1 FREE Dept AF Amigabolics P.D.,
Order 10 disks get 2 FREE 236 Chester Road North,

Order 15 disks get 3 FREE PAP Kidderminster, Worcs DY10 1TE

P.S. Good Luck to Amiga International!! All trademarks acknowledged

(0754) 760665



7 GAMES FOR £1

SELECT A MOD, AND LOTS MORE

CATALOGUE DISK LIGO

Please make cheques/P.O.s payable to:

THEORYPD

DEPT AF, PO BOX 40, WALLSEND, TYNE & WEAR NE28 6YU

£1.00

1-10 disks

11-20 disks

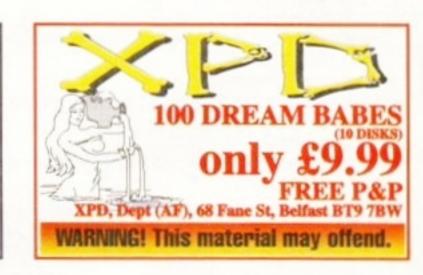
21+ disks

PLEASE ADD

70p for

Postage &

Packaging





AMIGA - PC - All Commodore One Year Subscription 1995 £23 UK only Call (081) 651 5436 or

Write to: 45 Brookscroft, Linton Glade,

Croydon CR0 9NA

Independent Commodore Products User Group

BOZ PD

FORMERLY CCPD ALL WORKBENCHES CATERED FOR. ALL THE LATEST TITLES

WRITE FOR A CATALOGUE DISK LISTING ONLY THE BEST PO AVAILABLE (Enclose 2 1st Class Stamps)

NEA PUBLIC DOMAIN AVAILABLE All disks £1.00 each. 10% off first order 31 SOUTH UXBRIDGE STREET. BURTON ON TRENT, STAFFS DE14 3LD



NIMATIONS, AGATRON, FRED FISH, ASSASSINS, T-BAG. D PRICES 75P PER DISK, CATALOGUE DISKS 70P ADD 60P UK POSTAD OR ORDERS. EUROPE 30P PER DISK, WORLD 60P PER DISK, DISCOUN ON ORDERS OVER 100. OPEN MON-SAT 9AM TO 7PM, FAST 24 HOUR

URNAROUND ON ALL ORDERS, FREE MEMBERSHIP

PECIAL OFFER: SEND BACK CATALOGUE DISK AND GET 1 FREE AME WITH FIRST ORDER SPECIAL OFFER: WITH EVERY 10 DISKS ORDERED PICK 1 FREE MAKE CHEQUES/P. ORDERS PAYABLE TO: M. DOYLE



Thousands of PD titles (from only 75p) listed. Send SAE to:

PATHFINDER PD (AF), 41 Marion Street, Bingley,

West Yorkshire BD16 4NQ. NEW RELEASE

AMIGA PUBLIC DOMAIN HOUSE AS LOW AS -75 PENCE PER DISK ORDERS INCLUDE POST & PACKING MOST ORDERS SENT WITHIN 45 HOURS OF RECEIPT. NO MINIMUM ORDER FOR A CATALOGUE DISK ASE SEND 3 FIRST CLASS STAMPS OR 4 FIRST CLASS STAMPS FOR CAT & FISH CAT TO: GVB-PO DEPT AFJAN, 43 BADGER CLOSE, MAIDENHEAD, BERKSHIRE SLEZTE UK OR PHONE ME ON 0831 - 649386 FOR MORE INFORMATION

IT'S JUST ONE OF THE HUNDREDS OF CUSTOM MADE DISKS COVERING ALL TYPES OF PD SOFTWARE, GIVING YOU WHAT YOU'VE ALWAYS ASKED FOR - VALUE FOR MONEY! GAMES, UTILSITIES DEMOS, MUSIC, CUPART, SELECT-A-FONT FOR THE BEST IN AMIGA PD SEND 50p FOR CATALOGUE DISK NOW! Pails II slmE PD

FREE DISK Catalogue

PG261 BLACK DAWN II - PATHFINDER PD EDITION 10 NEW LEVELS OF THIS EXCELLENT SHAREWARE 3D RPG - EXCLUSIVE TO US ONLY £1-65 including p&p (A1200 & 1.3 A500 only)



Shrink wrapped (boxes/10) 1 for 1 warranty (post paid) Price includes delivery (Phone for discounts on 100+)

onnor 3.5" IDE Hard Disk Drives (A1900/600) 170Mb £130 540Mb £230 (Formatted, WB installed, 1yr warranty. Adaptor cable + £10)

Computer Essentials

PO BOX 991, Sittingbourne, Kent, ME10 1RQ - Tel: 01795 479154

F1-44 BLACKBOARD V3.0 3 disks, Image Processor£5.99 F1-45 T-TEC-MAZE Highly challenging puzzler £3.99
F1-46 MAZE MADNESS Pacman with a difference £3.99
F1-47 F1 MUSIC VOL 4 (C) Free exclusive mods £3.99
F1-48 ERIX Brilliant Ex-commercial platformer £3.99 ATTENTION ALL AMOS USERS

AMOSZINE ISSUE 3 OUT NOW! ONLY £2.25 POST FREE. STACKS OF ARTICLES AND EXCLUSIVE SOURCE CODE. ISSUES 1, 2 & 3 ONLY ES.88 POST FREE

FOR F1 CAT DISK SEND TWO 1ST CLASS STAMPS CHEQUES/POS TO F1 LICENCEWARE 31 WELLINGTON ROAD, EXETER, DEVON EX2 8DU. TEL (0382) 483580

The Official Amos PD Library 17 Wick Farm Road, St Lawrence Bay, Southminster Essex CM0 9PF

Run by Len & Anne Tucker

Get more from AMOS, EASY AMOS & AMOS PROFESSIONAL by finding out what the Official Library has to offer!

We have 100's of disks of source code, music,

APD 599 JD Extension for Pro £2 APD 600 Extensions for Pro and Amos Classic £2

sfx etc to help you create your own programs.

Totally Amos, the only Amos disk magazine approved by Europress is now in its 4th year.

Try APD 341, TA 0 for £2.00. Issue 19 out now £3.00. Past issues as sets only - TA 1-6 £10, 7-12 £15,

13-18 £15 or £35 for all 18. The catalogue disk is £1, or send SAE for written details

50p P&P on each order, please Cheques payable to Amos PD Library



Most orders arrive next day!

74 THE PARADE, WATFORD, HERTS, WD1 2AW 0923

ACCESS, VISA, CONNECT,

AMIGA'S, ACCESSORIES AND SOFTWARE AND HAVE DONE SO FOR 12 YEARS - GIVE US A RING - YOU MIGHT LINE US! CHEQUES & P.O.'S ACCEPTED D 226602

Quality Amiga PD and Shareware Dept AF, 22 Merryfields Ave, Hockley, Essex SS5 5AL We have thousands of quality PD and Shareware disks to choose from including

Animation, Assassins, Business, Clip Art, Demos, Fonts, Fred Fish, Games, Music, Slideshows, Utilities and much much more! JUST LOOK, ALL DISKS ONLY

+ 70p P+P per total order

We offer a fast and friendly service. All disks are sent 1st class post, virus and error free.

Why not take a look at our fully descriptive Catalogue featuring all our disks, just send a stamped addressed envelope with a disk, or send a cheque or postal order for 69p made payable to: C. WAITE

1! DEALS OF THE YEAR !! Keyboard CRM Manufactured (Ex CDTV or 2000) Bumss 1, Gumss 2, Gumss 3, (3 CDs = 300 Gumss) All the above Without SX1 Games 1, Games 2, Games 3, CDPD 1 Only £29-00 MMM floppy/printer interface Sex Model File (Glamour disks) 18 rated - needs FMV decoder for CD32 IBM CDi MAC . . From £19-99 FMV on CD - 60 titles available - needs FM cart for CD32 IBM CDi MACFrom £14-99

CAPRI CD DISTRIBUTION

MUSIC MACHINE MARKETING LTD

TEL: (0204) 387410 FAX: (0204) 380952

SX1 Expansion Unit for CD22 (Microbotics)

Disk Drive CRM Menufactured (Ex CDTV)

CDFO 1 (Loads of Utilities)

Reemally sold separately for £200-00 inc VAI

Deal 1

Deal 2

Deal 3

Deal 4

We do not condone or supply illegal hard-core material.

Proof of age and identity is required.

Telephone or Fax your order on

Tel: 0204 387410 Fax: 0204 380952 or post to:

59 Bridgeman Place, Bolton BL2 1DE

instead of SX1Only £199-00

. .Only £299-00

. Only £99-00

CDTV ALL AVAILABLE AMIGACOSE 70+ CDTV TITLES COMPATIBLE WITH CD32

90+ CD32 TITLES / 30+ VIDEO CD TITLES

DARKSEED £29.99 DIZZY 6 COMPILATION £14.99 GUARDIAN £29.99 LITIL DIVIL £29.99 FIELDS OF GLORY £29.99 PHOTOLITE £24.99 SUPER STARDUST £29.99 TOWER ASSAULT £29.99 JETSTRIKE £25.99 MAN UTD P.L.C. £29.99 EXPRESS PD GALORE £19.99 AMINET 4 £19.99 HOTTEST 4 £19.99 UTILITIES 1 - 1500 £19.99 COMPENDIUM DELUXE £19.99 CLIPART GIF £19.99 17 BIT PHASE 4 £19.99 BUMP & BURN £29.99

SPECIAL OFFERS

ZOOL 2 £9.99

ARABIAN NIGHTS £9.99 THIS IS JUST A SMALL SELECTION OF THE TITLES & SPECIAL OFFERS WE HAVE PLEASE WRITE OR RING FOR THE LATEST LIST.

WE ALSO STOCK THE COMPLETE ALMATHERA. OPTONICA, PD SOFT & WEIRD SCIENCE RANGES

CAPRI CD DISTRIBUTION DEPT AF1, CAPRI HOUSE, 9 DEAN STREET MARLOW, BUCKS SL7 3AA TEL/FAX 01628 891022 TRADE ENQUIRIES WELCOME



Amiga-64-Link

York Electronic Research The Paddocks, Jockey Lane, Huntington, York YO3 9NE

Tel (0904) 610722 Fax (0904) 670063 11am-6pm Mon-Sat



Calling All Imagine 3.0 Animators Got Imagine 3 but can't get your teeth into all those features?

All you need is our address! We present to you "Dino-Tech V1.1; the first of a new line of easy to use skeletal objects. Making full use of texture/brush options for classy results, the easy way.

Be the puppet animator and breath life into Dinosaurs, moving the skeleton beneath realistically textured skin. (No robot joints here!). Complete with a comprehensive instruction booklet with tutorials, limits and tips + a free Imagine landscape disk.

(Please specify FPU or Integar version)

lust send a Cheque/P.O. for £4-99 to R-Tech Enterprises. (Includes free P&P and Membership)

R-Tech: 6 KINGSNORTH GARDENS

Ask about the Low Cost Render Service from as little as 4 pence/frame

PERSONAL PROPERTY AND ARREST A

STACKED DECK The Ultimate card pack!

24 programs containing 37 card games for all tastes.

3 DISK SET - £4.50

THE MODULE PACK The best pack of modules available! Over 50 all time classic soundtracks covering all tastes. All

soundtracker & noisetracker compatible mods. 5 DISKS - £6.00

CD WORLD

A new 2 disk magazine dedicated to all Amiga CD users. Info, reviews, news and much more. Brought to you by the Final Frontier team.

2 DISKS - £3.50

PROJECT UFO

Over 4 Meg of UFO related text files from across the globe. Sightings, Encounters, Abductions Cover-Ups, etc. etc. some highly classified. Comes complete with a text reader or you can use your own favourite word pro or text editor.

6 DISK SET - £7.50 Please make cheques & PO's payable to N Jordan and post to:

ALL TITLES POST FREE

BODYSHOP VIII The best just gets better! More girls in

stunning AGA pictures. 1200 only

3 DISKS - £4.00

NEW 1200 GAMES PACK The latest games for your 1200 or 4000 -Monopoly, Donkey Kong, Zombies 2, CD32 Pacman & Rocket 2. Also includes Speccy Emulator AGA complete with 20

classic games'

6 DISKS - £7.50

STEREOGRAM II Two disks packed with the latest in 3D Stereogram pictures. 18 in all plus a

> stereogram animation! 2 DISKS - £3.00

EDUCATION PACK 2

World Database, Evolution, Units, Math-Drill, German Tutor, Calckey Tugoword, Elements, Planetarium, Maths Reflex 1/2/3 Convert, Deaflab, The Solar System plus

5 DISKS - £6.00

HUMDINGER 41

41 great games on 2 disks! This set is our all time best seller. A must for game freaks

2 DISK SET - £3.50

HOLODECK

Magnificent artwork from around the world all based on Star Trek. A must for Star Trek fans! Issues 3, 4, 5 & 6 available

2 DISKS PER ISSUE - £3.50

THE FINAL FRONTIER he magazine for Star Trek enthusiast Packed with info music/pictures etc etc. 2 GREAT DISKS - £6.00

SCANNER DISK MAG Now in its 3rd year and packed with the

best PD programs. Amiga Shopper rated it 10/10. Why not try the latest issue? Compatible on ALL Amigas.

2 PACKED DISKS - £3.50 SEND 4 FIRST CLASS STAMPS FOR OUR FAMOUS CATALOGUE DISK SENT FREE WITH FIRST ORDER

EXCELLENT TUTORIALS

E45 EACH/E185 THE LOT (5)

TELESCAN COMPUTER SÉRVICES PO BOX 1 THÔRNTON-CLEVELEYS LANCS FY5 ISH or if you prefer you can telephone your order using your ACCESS/VISA on 0253 829292

...STILL THE BEST

COMPUTE-A-RACE+..£19.99 THE FINAL EDITION

After 3 years of development Compute-A-Race+ The Final Edition has finally been released.

WHAT DOES IT DO?

Compute-A-Race+ is a Horse-Racing Prediction Program that can forecast races, select bets, calculate return and much more.

IS IT COMPLICATED TO USE?

No. Features an ease of use. Within days inputting a race will be second nature.

WHEN SHOULD I ORDER?

Now. Betting for profit is betting for fun.

Cheques/P.O. payable to HANDISOFT (Mail Order ONLY) Handisoft, 37 Hearsall Lane, Spon End, Coventry CV5 6HF

For ALL your PD needs Scotland

The Old Farmhouse Rosefield, Balbeggie PERTH PH2 6AT Tel: 01821 650488

Fast, Friendly Service Send 3 x 1st class stamps for catalogue disk listing over 6000 titles. Includes FREE D-Copy, FREE Game plus FREE Virus Killer

All Fred Fish, Assassins, 17 Bit, LSD, Scope etc plus 1000's more... Free disk when you buy 10. Disks 90p each. P&P 70p

JORVIK COMPUTERS 22 Hemlock Avenue - Huntington York Y03 9DG Tel: (0904) 624637

P&P: SOFTWARE 50P - HARDWARE £5

ı	PAINTIN A	O A HILL	DENEM TOTAL	103 91	JG 121, (0904) 02	4037
ı	A1200 GAM	ES	AMIGA GAME	ES	HARDWAR	E
ı	Aladdin		Alien Broed 2	. E21.00	CD32 Critical Zone	E234.99
ı	Alien Breed 2	£23,99	All New World of Lemmings -	£23.00	Microvitec 1438	
ı	Banshee		Benefactor		Sharp 14' TV/Monitor	1164.90
ı	Body Blows Galactic		Cannon Fodder 2	£23.99	DSS8+ Sampler	F4R 00
ı	Burning Rubber		Desert Strike		G-Lock Genlock	£258.00
ı	Civilisation	£31.99	Elimania		Internal Drive	
1	Dennis	£22.99	Fields of Glory		Processed Physics Physics	£50 00
ı	Dungeon Master 2	£27.99	FIFA Socoer	£23,99	External Floppy Drive	LD0.999
1	Exile	E20,99	Football Glory		A1230-II/40MHz + 4Mb	
ı	Fields of Glory		Fury of the Furries	£23.99	A1230-II/40MHz + 8Mb	
1	Football Glory	£20.99	Heimdall 2	£27.99	A1230-H/50MHz + 4Mb	
1	Gunship 2000		Impossible Mission	£27.99	A1230-H/50MHz + 8Mb	
1	Impossible Mission	£27.99	International Sensible Soccer	£15.99	A1230 SCSI-2 Module	
1	James Pond 3		Jungle Strike	. £20.99	A1230 40/50MHz FPU	£98.99
1	Jungle Strike	£22.99	Kick Off 3		A1200 Ramboard 1Mb	
1	Jurassic Park	£22.99	Kings Quest 6		A1200 Ramboard 2Mb	E124.99
1	Kick Off 3	£23.99	Lemmings 2 "The Tribes"		A1200 Ramboard 4Mb	
1	Lion King	£23.99	Lottes Turbo Trilogy		A1200 Ramboard 8Mb	
1	Mutant League Hockey	£22.99	Micro Machines		33MHz FPU (PLCC)	
1	PGA European Tour	£22.99	Mortal Kombat 2	PHONE	40MHz FPU (PLCC)	FOR 90
1	Premier Manager 3	£20.99	Mutant League Hockey		2.5/3.5 IDE HD's	
1	Rise of the Robots	£34:99	On The Ball (World Cup)	£23.99		
1	Ryder Cup Golf		PGA European Tour		Zappo CD-Rom Drive	
1	Sim City 2000	£27.99	Premier Manager 3		A570 CD-Rom Drive	
1	Star Trek		Rise of the Robots		CD32 FMV Module	L188.99
1	Subwurs 2050		Sensible World of Soccer		CD32 SX-1 Expansion	
1	Super Stardust		Simon the Sorgerer		Super CD32 Controller	
1	Thome Park		Syndicate		ABC (24-Pin)	
1	Top Gear		T2 "Coin-Op"		Swift 240 (24-Pin)	£198.99
	Total Carnage	L23.99	Theme Park		Project IIC (Inkjet)	£244.99
	UFO "Enemy Unknown" .		Tower Assault		Execjet IIC (Inkjet)	
	Zool		Wild Cup Soccer	L20.99	LP1200 (Laser)	
	Zool 2		Wold Cup USA '94	-122.99	LIGHTWAVE 3D VID	
-					AND SERVICE AND ADDRESS OF THE PARTY OF THE	Market State Co.

PURE ---TECHNOLOGY

ECSTATIC ACID BYTES - This highly acclaimed CD is our best selling production this year. Sound On Sound gave it 5 out of 5 in the July '94 edition of the magazine. It is still the only sample CD to have separate samples on the left and right channels, effectively making it a double CD. Containing almost 3000 samples, pence per sample Ecstatic Acid Bytes is without a doubt the best value sample CD on the market. AN UNBELIEVABLE £24.95

COSMOS - The widest range of samples we have ever compiled onto one CD. Analogue bass and lead sequence loops, digital bass and lead sequence loops, sound effects. Analogue and digital patches, organ patches and brass pads.

A STUNNING £34.95

MEGA BEATS - Sounds from 30 of the greatest drum machines of all time, including the TR-808, TR-909, R8, CR78, R5, EMU Drumulator, Linn 2, RZ1 and many more. Future Music gave it 9 out of 10.

THE ONLY DRUM MACHINE CD. £24-95

Gall our credit card hatline NOW! Or send a cheque or postal order made payable to Pure Technology

ENQUIRIES AND CREDIT CARD ORDERS TEL: 01745 332535 Overseas delivery: Europe add £4; rest of world add £5 **PURE TECHNOLOGY** Dept. AF, PO Box 997, Rhyl, Clwyd LL18 4WA

VISA

197

Ŏ

AMIGA POWER SUPPLY £27.99 OR EXCHANGE POWER SUPPLY £18.99 send faulty unit with payment.

GENUINE COMMODORE 1 YEAR WARRANTY, SPEEDY DESPATCH

AMIGA REPAIR (A500/A500+ ONLY) £37.99

Multiple faults may result in extra charge. Price includes postage, parts and labour

A	Amiga Internal Drive		Garry Chip	£5
М	Repair	£24.99	Denise Chip	£5
I	A520 Modulator		Kickstart 1.2 Ram	£5
M I G A	exchange only	£14.99	Amiga Keyboard Repairs	£27.99

Cheques and postal orders to:

P&P Charged at UK. 75p per

Order. Elsewhere add 40p

Omnidale Supplies, 8E Rowan Court, Friargate, VISA Derby DE1 1BU Tel (0332) 291219

The Amiga's Buyers Compendium Are you paying the best prices for products? What other suppliers are available? Where can you get a particular

game, computer, CD, screen, software, PD disks, chips, Which magazine can you find a supplier in?

Accessories (Above 400) Blank Disks, Cables, CD Cases, Cleaning Kits, Disk Boxes, Disk Labels, Dust Covers, Joysticks, Mice, Power Supplies, Scanners, Trackballs etc.

Now double the size of the first issue, the listings cover.

Applications (Above 100) W.P. Graphics, Music, Programming, Education

Chips (Above 150) Accelerators, CPU/FPU, Memory, Memory Simms, RAM upgrades etc

Computers (Above 50) Amiga A600, A1200, A4000, CD32, Atari etc

Drives (Above 200) CD Drives, Hard Drives, Tape

Drives, Disk Drives etc Games (Above 800) You name it! With so many products available and so many

The Amiga's Buyers Compendium

magazines to buy the ABC brings together over 200 suppliers with well over 2,000 products and answers all these questions! The ABC provides information it would cost you above £30 to obtain, saves you time and gives you low price choice.

Printers (Above 100) Canon, Commodore, Citizen, Panasonic, Epson, Ricoh, H.P., Star etc

Printer Access (Above 200) Ribbons, Cartridges, Dust Covers, Cables, Memory, Stands etc.

P.D. (Above 100) Catalogue Disks, Disk Prices, Access to above 100,000 games!

CD Roms (Above 100) Games And Applications

Our Introductory Offer at £4-95 includes postage and packing with reduced subscription rates available.

Send cheque/postal order to:

BAK DISTRIBUTION, 120 Sheffield Road, Dronfield, Sheffield S18 6GG

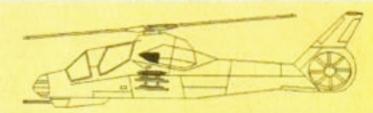
1000s of PIGMY CRUSH P. **Titles** in stock NOW!! SPECIAL PACKS UTILITIES 1200 GAMES DEMOS **DUPLICATORS PACK** D-Copy v3.1 9 Fingers (2) (6 Disks) £5.00 ASI Fix Disk 1&2 (2) S.O.TA. Spaceballs 18 Hole Golf (2) MUSIC PACK AGA Utils 1 **Dream Trippen** 5 Disks) £4-00 SuperKillers WB3 **Printer Drivers** r. Merr Olympics (2) Vomit ART PACK 1200 Degraders Edward Pro v4 2 Player Soccer Interference Disks) £5-00 Action Replay 4 Lock-Pic 2 Silverblade Jesus on Es (2) DEMO PACK Motorola Kick v1.4 Cash Fruit (5 Disks) £4.00 Fairlight 242 Text Engine v4.1 Invaders 2 (2) Aobile Spaceballs Super Blue Kid 1200 PACK AGA Tetris Start of the Art (2) (5 Disks) £4 00 Intense (2) Wally World (2) Klondike AGA (3) Crack & Copy Sanity Arte Tetris Pro BLANK DISKS Madfighter R.D.S. Giddy 2 impanic Membrane £4 50 2 Player Games AGA Octamed Pro v2 No Refund (2) Parachute Joust 50 £20.00 Babylon 5 Amibase Pro 2 v1-8 Dithels W/Land Pha-Q Demo £35-00 Max Overdrive (2) Pro Utils Kingdom at War Shamen Mix Add £2-00 P& on 50+ Disks SuperKillers WB 1-3/2 Crash Test AGA Overlander Data X the Victim Orders to PIGMY CRUSH P.D. PRICES 2 disk Catalogue £1.00 Dept AF, 2 Skomer Place, Swansea, Telephone orders taken and £0.90 W. Glam, SA5 5PH despatched upon payment 10+ £0-80 FRED FISH 1 to 1000 Please make cheques/postal orders

payable to PIGMY CRUSH P.D.

ATTACK HELICOPTER FLIGHT SIMULATOR

A battle field scenario simulation of the Boeing/Sikorsky RAH 66 COMANCHE 'Serious flight modelling that requires skill to master'





Flight dynamics modelling: Not available on other sims. Author B.Eng Aero.

Test your flying skills over a 65000 sqr km battle area. Filled with over 300 fractally shaped hills, clouds, 1000's kms of rivers and roads. Land at any of five bases. Fly under and around bridges, power stations, etc. Destroy more than 160 passive and active enemy objects. Pit your wits against intelligent enemy anti aircraft weapons and enemy helicopter. Armaments: Guided Hellfire (4) and Stinger (8) missiles, 20mm (500) cannon. Avionics: Radar and FLIR targeting systems. 5 Mode flight control computer. Enemy radar & laser detectors. Software: Sophisticated flight modelling and collision detection algorithms. Utilises filled polygon 3D real time rendering techniques. 8 view modes. Realistic sound effects, incl doppler shift. Stunning fragmented object explosions. Realtime or user definable interpolation time constant.

Only £9.95 Includes instruction manual, postage and packing.

Supports A500 A500+ A600 A1200 A1500 A2000 A3000 A4000 & Accelerators Kickstart 1.2 or later Requires a minimum of 1 Megabyte of ram Joystick optional

To Order: Please send your name & address with a cheque or postal order for £9.95 payable to 'Absolute Image' at A.I. Dept AF01. 9B Kenelm Road Colwyn Bay Clwyd LL28 4EE



ord, Essex SS4 1RN

Tel/Fax: 01702 546796 / 0585 348786

FROM ONLY

1-3 Disks £1 each 4-9 Disks 90p each 10-19 Disks 80p each 20-49 Disks 70p each 50+ Disks 60p each Add 70p to order for P&P

() after title = number of disks Free disk for every 10 ordered

TKlondike Cards (8)

Dungeon Walker

Mod Fighter

C Some Justice

It Can't be Done

☐ No Name Demo

Agony Panel Anim

Taste the Difference (2)

Artificial Paradise (9)

O Love (2)

O Gevalia

T QED 2 (2)

Talent QED

Mini Omisten

C Access Real

□ Not Again

☐ Interchange

C Panta Rehi

Triday At 8.

T Fatal Morgana

Ray World (3)

C Empty Head

Origin (2)

D Full Moon

O Abstrax Pig

☐ Volacano

☐ Explicit 2

☐ Hoi Mindwarp

Chanel No 5

Thoi Planet Groove

1200 SLIDES

T Subliminal XIc (2)

Tinal Chapter (3)

☐ Uguala Damage

Crayon Shinchan

Max Overdrive (2)

O Vital

Motorola Invaders 2 (2)

1200 DEMOSOIO

☐ Boron

THoi AGA Remix ☐ AGA Megaball JAGA Tetris TAGA Klondike (3)

C Kingdom at War UTILITIES

Clash of Empires

Parachute Joust

☐ Megaball 2-1

High Octane

Darts

C EPU Disk Stocker ☐ Term v4 (3) Imagine 2 Buddy sys (2)

☐ Spectrum v2

T Pro Gamble

□ Databases

Reorg 3-11

□ D-Copy 3-1

Clock Pick 2

☐ Freecopy 1-9

Maverick Copy

☐ Menumaster 3

7 200 Utils

W/Bench 2 Tutorial

C Manual (12)

☐ Autostereograms

Microprose GP Editor

□ Epoch 3

C Spectrum Games vol 1 (8)

C Scottish Football

Truitmania

Stewards Enquiry

Green 5

GAMES

Day at the Races

Paradroid 64

Gunfighter

Dr Strange

3 Black Dawn 2

☐ Xenomorph

☐ Marbles

Punter

☐ Automobiles

Raise the Titanic ☐ Talisman (2)

□ Les Dennis Hangman

Ant Wars (2) Ultimate Quiz

Soccer Cards USA Waynes World Pong

Jet Strike 18 Hole Golf (2)

Neighbours (2) Road to Hell

Grand Prix Manager ☐ Starbase 13 (2)

Texas Chainsaw Star Trek (2)

☐ Mr Men Olympics (2) ☐ Skidmarks

C Gorf System Defender

C Scrabble

Tetris Pro

Cash Fruit

Premier Picks

Super Blue Kid

☐ Fighting Warriors

Top of the League

Deluxe Pacman

Soccer Cards

☐ Wibble World Giddy

Tatal Mission 2

7 2 Player Soccer League

17 Glaxo (2) Kung fu Charlie

Cindy Vol 1 (2) Board Games Fit Chicks 2 (2) ☐ Seek & Destroy

Mini AGA (4) A1200 DEMOS

Polka Bros Ariel Ultra Artificial Paradise (2) Big Time Sensual (2) Ram Jam TTD (2) Brain State in a Box Friday at 8 Rise of the Robots (3)

Small is Beautiful (2) Rayworld (3) Team Hoj (3) Channel No 5

Red Dwarf (2)

Starwars (2)

Erika Eleniak

Fit Chicks 3 (2)

DEPT (AF), 23 Stanwell Close, Wincobank,

Sheffield S9 1PZ. Tel 01142 492950

ALL DISKS ARE 75P EACH

POSTAGE: UK = 70P EUROPE + 20P A DISK

REST OF WORLD +40P A DISK

ASSASSINS GAMES 1 to 200

PD ALSO AT 30P A DISK SEE CATALOGUE FOR

DEMOS

 Metallica (justice) (2) Metallica (puppets) (2) ☐ Metallica (lightning) (2)

CCCP Demo Cuzco Demo

☐ Insone

☐ Spectrum Games vol 2 (8) ☐ Superleague 3-51 3 9 Fingers (2)

State of the Art Dream Trippin ☐ Vomit

Desert Dream (2) Skizzo Demo 2 (4)

Reting Euro 1 □ Claustrophobia

Pygmy Exten Jesus on E's (2)

□ Mayday. ☐ Fairlight 242 THoth Anim (4) (3 Meg)

☐ Revelations Crack & Copy Sanity Arte Printer Drivers ☐ Wind It Up Hard Drive Utils C Satisfaction G/Teed

CD TITLES CI PC Task 2 Uttle Office 3.3 or 4 £18 1 to police 151
Sid 2 To 1,2,3 or 4 £18 1 to police 20 K **

EUROSCENE Silve Modul 51
EUROSCENE Silve Modul 51
Office 1
Office 2
Office 2
Office 2
Office 3
Office 3
Office 3
Office 3
Office 3
Office 4
Office 3
Office 4
Office 5

Office 5
Office 5

Office 5
Office 5

Office 5
Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Office 5

Off

LSD TOOKS At Top to Obase (2) AMINET 4 £18 SHEER DELIGHT £18 ** CD32 OK ** AMOS CD £18 RAYTRACING 1 or 2 £18

17 BIT COLLECTION £36 17 BIT CONTINUATION or PHASE 4 £18 loads more available please tel

ADOBE FONT PACK 8 disks full of fonts for Pagestream etc £6-40

BUSINESS PACK 4 disk set containing database, spreadsheet W/P etc £3-20

LIGHTWAVE PACK 18 disks of objects, textures, help files and more £13.00

1200 DEMO PACK 11 disks of the latest demos for the 1200 £8-00

BODYSHOP PACK the complete collection of 12 disks £9-00

COLOUR FONTS 5 disks of colour fonts for use in Dpaint £4.00

1200 GAMES ☐ Klondike 3 (4) (hard drive)

1200 UTILS

□ Spectrum 1-3 AGA

Action Replay 4 Pro

☐ Magic WB (hard drive)

C-1200 Diagnostics

Magic WB Extras

Andy's WB3 Utils

AGA Icon Editor

1200 Final Test

AGA Blankers

☐ Kick 1-3+

☐ Kick 1-4

AGA Graphic Utils

☐ WB3 Backdrops

T WB3 Hacks

□ Blackboard

T WB3 Virus Killers

CI AGA Utils#1

☐ Videotracker 2 AGA

ASI Multivision

☐ Movieguide (2)

CI ASI Fixes 2

Cybertech Corp (2) Mod Fighter 2 (3) ☐ Masquerade (2) □ Bazza & Runt C Evil Insects

Trick or Treat ☐ Yatzooie II Stones AGA

C Bacman AGA ☐ Zombies II

□ Boron 2

SPECIAL PD PACKS ZX SPECTRUM EMULATOR v2 plus 38 games disks £25-00

AGA Cindy Crawford (4) Red Dwarf (2)

☐ Holodeck (4) ☐ Bodyshop Bodyshop 2 (2) □ Bodyshop 3 ☐ Bodyshop 4 (2)

IMAGINE PACK 18 disks of objects, textures, help files and more £13-00 Bodyshop 6 (2) We also stock Fred Fish up to 1000, Scope

Bodyshop 5 (2)

How to Order: Please tick titles required and send with your name, address and payment of cheque/postal order/cash to the address at the top of this advert. Hand written orders also accepted. Cheques/Postal Orders payable to NJH

up to 210, Assassins Games up to 208, also LSD Tools, Jam and Arug, Also DTP fonts, clipart. CATALOGUE DISK 75p

198

magine Objects (9) Disk Archivers FontFarm 12,13, 14 (3) Xmas Clipart (3) GAMES dangermouse

Wrestling (2) Santa and Rudolph Mr Men Olympics (2) Moose Driver Mega Cheats (3) Nostromo Cheats V3 Talisman (2) World Team Speedway Megablock 2 Scorched Tanks V1.75 Digital Tetris Knight Woode The Shepard Overlander

High Octane Turbo

Case of Dr Strange

Antwars V1.9

Blackdawn 2

Starwoids (2)

HORNESOFT RD

OVER 11800 DISKS AVAILABLE

Text Engine 4.1

Disk Repair Kit

PC Task V2.03

ockpick V2

Disk Salvage V2.31

Amiga Dos Tutorial

owercache V37.115

pectrum Emulator V2

Disk Mag Creator V1.21

264 Emulator V3 (2)

Disk Manager V4

Buddy System (2)

Videotracker (5)

Sonic Drum Kit

Virus Killers Kit

600 Business Letters

Recipe Box/VideoBase

HD Click V2.7

A600 HD Install Disk

Hard Drive Utils 2000 (2)

Captain Bonus C64 Games Disks (3) Buck Tooth Bob Fighter Dual Pro 2 Tetrid Insectaside A1200 GAMES

Klondike (3)

AGA Tetris

Klondike 2 (3)

Zombie Apocalypse 2 Cybertech Corp (2) Evil Insects Megabali 3 AGA Hot Remix

Robs Hot Games 7 A1200 UTILS Video Tracker AGA Relokick VI.41 A1200 HD Prep AGA Screen Blanker

Magic WB 12b (Hard D) (2) Bens AGA Tools Vol 2 A1200 Utils (3) Magic WB Extras Magic WB Backdrops (3) Game Warper V1 Spectrum Emulator AGA

EDUCATIONAL Back to School 1 Back to 5chool 2 Back to School 3 Apollo II (2) Mr Men Pack GCSE Maths A1200 SLIDES Girls, Girls, Girls (3) Rage Maximum Overdrive II (3) Subliminal XTC (2)

MORE INFORMATION

ALL ORDERS SENT BY FIRST CLASS POST THE SAME DAY C MANUED IN CONTAIN ANALOGAS ADADT EDOM THE 1200 O or 3 First Class stamps

EUBOUGOW.

ENTERTAINMENT SOFTWARE

Do you have the talent to join a world class team?

Eurocom Entertainment Software are the team behind many of the biggest games of recent years, including versions of Sensible Soccer, Dropzone and Disney's The Jungle Book. We are looking for experienced videogame developers to join us in creating some of the biggest titles of '95 on console and CD platforms. We would like to hear from:

Videogame Programmers: 8086/80386, 68000, 6502, Z80 and/or C/C++ skills.

Graphic Artists/Animators/Modellers: Pixel, 3D and/or Animation skills.

Tools/System Programmer: 8086/80386 assembly skills and C/C++ skills under Microsoft Windows required.

We offer an enjoyable and challenging career working as part of a dedicated team based in the Derbyshire countryside. If you believe you have the necessary talent and commitment please submit your application and PC/Amiga/ST/Mac discs to:

Personnel Dept., Eurocom Developments Ltd., Nottingham Road, Ripley, Derbyshire, DE5 3AS

We also have a small number of training places for talented artists and coders looking to break into the industry. All applications will be treated in the strictest confidence.

& Educational orders LOWEST PRICED TOP QUALITY PRODUCTS Trade enquiries welcome welcome INCLUDING RIBBONS, INKJETS, TONERS, DISKS, ETC

Printer Ribbons - Ring for Ribbons Not Listed														
BLACK	1 off	2±	5±	10±	BLACK	1 off	2±	5±	10±	BLACK	1 off	2±	5±	10-
Amstrad DMP 2000/3000	2.80	2-65	2-45	2.25	Epson FX/MX/RX80/FX/LX800	2.90	2-75	2-55	2.35	Star LC200	3-00	2-85	2-65	2-43
Amstrad DMP 4000	3-66	3-51	3-31	3-11	Epson FX/MX/RX100/FX/MX1000	3-36	3-21	3-01	2-81	Star LC24-10/20/200	2-86	2.71	2-51	2-3
Amstrad LQ5000	6-10	5-95	5.75	5-55	Epson LX80/86/90	2-12	1.97	1.77	1-67	Star ND/NL/NR/NX10, NB24-10	3-85	3-70	3.50	3-3
Amstrad PCW8256/LQ3500 Fab	2-85	2.70	2.50	2.30	Fujitsu DL3300/3400, DX2200	3-75	3-60	3-40	3-20	Taxan Kaga KP810/815/910/915	3-14	2.99	2.79	2.5
Amstrad PCW8256/LQ3500 M/S	3.57	3.42	3.22	3-02	IBM 4207/4212 Proprinter X24	3-88	3-73	3.53	3-33	COLOUR				
Amstrad PCW9512 Fabric	3-38	3.23	3-03	2-83	Mannesmann Tally 80/81	3-90	3.75	3.55	3-35	Citizen 224,240, Swift 24/9	12-81	12.66	12.46	12-00
Amstrad PCW9512 M/Strike	2-60	2.45	2.25	2-05	NEC Pinwriter P2200/P2+	3-03	2.88	2.68	2-48	Commodore MPS1500/1550	9.38	9.23	9.03	8-63
Brother M1009/1024/1109/1209	3-90	3.75	3.55	3-35	OKI ML182/183/192/193/195	3-17	3.02	2.82	2.62	Panasonic KXP2123/2124/2180	10-63	10-48	10.28	9-8
Brother M1818/1824L/1924L	4-88	4.73	4.53	4-33	OKI ML320/321/380/390/391	3-32	3-17	2.97	2.77	Star LC10/20/100	6-00	5-85	5-65	5-2
Citizen 120D/LSP10/Swift 24/9	2.85	2.70	2.50	2.30	Panasonic KXP1123/1124/1140	3-46	3-31	3-11	2.91	Star LC200	9-78	9-63	9-43	9-00
Commodore MPS1220/1230	4-50	4-35	4-15	3-95	Panasonic KXP1080/1180/90	2-89	2-74	2.54	2.34	Star LC24-10/20/200	9-63	9-48	9-28	8-8
Commodore MPS1500/1550	6-75	6-60	6-40	6-20	Panasonic KXP1524/1540/1624	4-55	4-40	4-20	4-00	Tone	ers			
Epson LQ100	4-10	3-95	3-75	3-55	Panasonic KXP2123/2124/2180	5-75	5-60	5-40	5.20	HP Laseriet II/III Toner Cartridge			44-51 e	each
Epson LQ200/400/500/800/850	3-45	3-30	3-10	2.90	Seikosha SL90/92/95/96	5-70	5-55	5-35	5-15	HP Laserjet IIP/IIIP Toner Cartrid			53-14 e	
Epson LQ1000/1050/1070/1170	4-10	3.95	3-75	3-55	Star LC10/20/100	2-29	2.14	1.94	1-84	in married military controller				-

Inkjet, Cartridges & Refills

17-54 each 12-13 each 12-99 each 24-24 each 28-89 each 12-13 each

HP Deskjet Tri-Colour Cartridge Refill (enough ink for 5 refills of each colour) 16-00 each

Inkjet Refills (Twin Packs - 40ml ink) for: Canon BJ-10/20/200, BJ300, HP Deskjet etc. Available in Black, Cyan, Magenta, Yellow, Red, Blue, Brown, Light Green, Dark Green and Gold.

I Pack \$11-00, 2+ Packs \$10-60 each, 5+ Packs \$9-95 each Ring For Inkjets & Refills Not Listed

Ring us and WE WILL BEAT all other Ribbon prices

31" Disks, Disk Boxes & CD Drawers Top Quality Bulk Branded

-	top Quai	ity Duik	Die	uucu
	DS/DD	DS/HD	DS/DD	DS/HD
10 Disks	£5	\$8	\$6	£9
25 Disks	£11	£16	_	-
50 Disks	£19	£29	£24	£36
100 Disks	£32	£52	£41	£66
250 Disks	£75	£115	£96	£153
500 Disks	£145	£206	£187	£288
	are non n			

Preformatted (MS-DOS) Bulk disks available at 2p extra/disk. All Disks Certified 100% ERROR FREE and INCLUDE FREE Labels

Normal Delivery FREE. GUARANTEED Next Day Delivery (not N. Ireland) available, for all products at \$5-50

Lockable 3 "Disk Boxes 100 Capacity \$5.99 50 Capacity \$4.99 with orders of £10+

Lockable 3 " Disk Drawers 200 Capacity £15-99 100 Capacity £13-99

3 1 10 Capacity Boxes \$1.50 3 6 Capacity Wallets \$3.99

Lockable CD Drawers 30 Capacity £16.99

Joysticks, Mice & Trackballs

Special Lo	ow Price	2S (Limited Period ((nly)
for Quicks	not Joysti	cks for Amiga/Atari	ST
Apache 1	6.89	Python 1M	8-89
Aviator 1	25.99	Starfighter 1	8-49
Intruder 1	22.99	Turbo II	8-49
Maverick 1M	12-49		
Mice &	Frackballs	for Amiga/Atari ST	

Trackball Paper & Address Labels

2000 Sheets 11" x 9i", 60 gram,	1 box - 19-99
Micro Perforated, Listing Paper	2+ boxes -14-99
500 Single Sheets A4, 80 gram, Laser	1 pack - 8-99
Paper (suitable for inkjet printers)	2+ packs - 5-99
Tractor Feed Address Labels,	500 - 4-49
1 across width, 31" x 1 1"	1000 - 7-49

Miscellaneous Items

100 Single Colour 3:" Disk Labels	1.99
1000 Single Colour 3i" Disk Labels	8.99
1000 Multi-Colour 3/" Disk Labels	9.99
1000 White Tractor Feed 37" Disk Labels	10.99
3)" Disk Cleaning Kit	2.99
Parallel Printer Cable (1-8m)	3.99
Mouse Mat 6 mm Thick - 2-99, 8 mm Thick	- 3.99
Mouse House	2.99
2 Piece Universal Printer Stand	5.99
14"/15" Optical Glass Screen Filter	16.99
Amiga Mouse/Joystick Switch	9.99
Mini Stereo Speakers	5.99
Dust Covers	
CPU & Monitor 6-49 Atari ST	3.99
Monitor 4-99 Amiga 500	3.99

3-99 Amiga 600 3.99PC Keyboard 3-99 Amiga 1200 3.99

All Prices INCLUDE VAT (@ 171%) & FREE UK Delivery

01543 250377

Ring us or send cheques to:

01543 250377



Owl Associates Ltd, Dept 280, Owl House, 5 The Brambles, Lichfield, Staffordshire, WS14 9SE

VISA E&OE

HIGH QUALITY SOUND SAMPLES

EXTENDED RANGE OF IFF SAMPLES (Includes new RHYTHM LOOP disks)

Each disk is compiled from a studio recorded master and is sampled on the Amiga at twice the sample rate of P.D. sample disks. They are compatible with all P.D. and commercial tracker and sequencer programs, and are highly regarded by the Amiga Press... "There are a lot of sample libraries around but this one is absolutely brilliant" Amiga Computing 2/93, This collection of disks shows how it should be done... the conventional instrument samples are the best I've heard on the Amiga" CU Amiga 7/92, "Do you want some high quality and wide ranging sounds to use in your compositions? Well then this is the place to look." Rating 87% Amiga Format Special Aut/92. N.B no of samples in brackets

002 INDIAN INST 003 INDIAN PERC

004 ARABIC 005 FAR EAST 006 EUROPEAN 007 OCEANIA

008 AMERICAS 009 FX PERC 010 DRUM KIT 011 ANALOG PERC

012 LATIN PERC 013 GUITARS 014 BASS GUITARS 015 ANALOG BASS 016 DIGITAL BASS

018 SYNTH BRASS

Tibetan Bells, Yangqin, Koto etc (31) Balalaika, Choirs, Bodhran etc (34) Didjeridu, Chants, Slit Drum etc (23) Kena, Berimbau, Pan Pipes etc (30) Power Toms, Snares & Bass, Scratch/Rap (88) Bass & Snares, Hi-Hats, Cymbals & Toms (63) TR-808, CR-78, Loops etc (64) Timbales, Congas, Cabasas, Cowbells etc (107) Acoustic, Electric & Distorted etc (41) Slap, Picked, Fretless, FX etc (44) Oberheim, Roland, Korg etc (22) Yamaha DX, Roland, Korg etc (28) Sections, Saxes, Trumpets etc (24)

Talking Drums, Marimbas, Chants etc (53)

Sitars, Bansuri, Chants etc (19)

Analog, Digital & L.A. etc (18)

Tablas, Bayas, Rhythm Loops etc (35) Ud, Saz, Bendir, Rhythm Loops etc (37) 022 CHOIRS 023 ORGANS 024 BELLS 025 SOUND FX 027 DRUM LOOPS 1 028 DRUM LOOPS 2 029 TECHNO 1

030 TECHNO 2

033 BRASS 2

034 PIANOS 2

Octave Splits, with strings, FX (16) Cello, Orch. Hits, Sections etc (21) 021 SYNTH STRINGS Analog & Digital (19) Mixed Choirs, with Bells & Synth (16) Church & Electric (17) Real & Synth with Choir & Strings (20) Action: Explosions, Gunshots etc (30) 026 FX PERC LOOPS Up-tempo effected rhythms (14) Various styles - pop, breakbeat etc (14) More pop and breakbeat rhythms (13) Techno, Industrial & Electronic Loops (17) More of the above! (16) 031 ROCK RHYTHMS Various rock rhythms with effects (19) Flutes, Pan Pipes, Clarinets etc (19) Saxes, Trumpets, Brass Sections etc (15) Multi-Sampled, Soft, FX (17) Sections, Cellos, Pizzi, Hits, Violin (23)

PRICES: 1-9 Disks £2.50 each, 10-19 Disks £2.00 each, 20 or more £1.75 each, The Complete Set £59.95 P&P: Add £1.00 (any size order). Cheques & P.O.s to: WALKABOUT MUSIC, (Dept AF), TRENOVISSICK FARM, THE MOUNT, PAR, CORNWALL PL24 2DA. Tel: (0726) 813807



BUILD MUSCLES FAST!

NEW. Fast and effective way to build muscles and strength!

MUSCLE DYNAMICS is a12-week body building programme based on the very latest scientific advances in strength training. Just 35 minutes daily in the privacy of your home will put you on the road to an amazing physique.

Noticeable results in 28 days guaranteed. Send for FREE Information Pack.

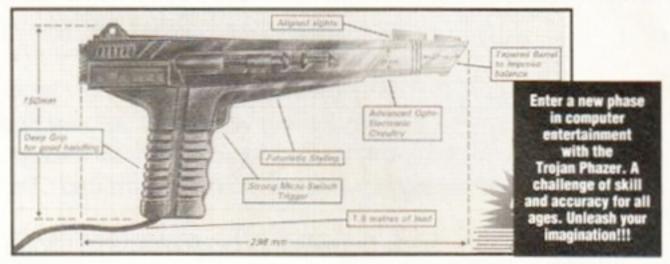
MUSCLE DYNAMICS, P.O. BOX 70, DOUGLAS, IM99 1EH.

Tel: 0624 801023 (24 hrs)
MUSCLE DYNAMICS, P.O. BOX 70, DOUGLAS, IM99 1EH Yes! I want to build muscles fast. Please rush me a FREE Information pack!
Nameвьоск
AddressCAPITALS
PLEASE
AF (A stamp for reply appreciated)

WAREHOUSE CLEARANCE

THE TROJAN PHAZER GUN (FOR THE AMIGA - ALL MODELS)

Enter a new phase of computer entertainment with the Trojan Lightphazer. Unleash your imagination and take up the challenge of two action packed games included in the pack:-



SKEET SHOOT: Travel the world and attempt to complete "The International Pro Skeet Shoot" Try to better your score, or compete against a friend in your bid to become World Champion.

ORBITAL DESTROYER: Reach for your Pulse Laser and blast the aliens as you fight to save the planet Earth! Be careful, your ammunition supply is limited - if you run out the Earth will be doomed.

RRP £39.99 OUR PRICE £14.99+ £2.50 P.P.

ADDITIONAL PHAZER GAMES: FIRE STAR RRP \$19-99 - OUR PRICE \$6.99 ALIEX RRP \$19.99 - OUR PRICE \$6.99, CYBER ASSAULT RRP \$19.99 - OUR PRICE \$6.99 ENFORCER RRP \$19:99 - OUR PRICE \$6.99 PHAZER GUNS ALSO AVAILABLE FOR THE ATARI ST/STE RRP \$39.99 - OUR PRICE \$12.99, THE SPECTRUM +2A/3A RRP \$29.99 OUR PRICE \$12.99 AND THE AMSTRAD 464/6128 RRP \$29.99 OUR PRICE \$12.99 LIGHT PENS ALSO AVAILABLE FOR THE AMIGA (ALL MODELS) RRP \$39.99 OUR PRICE \$16.99

PLEASE ADD £2.50 FOR POSPAGE AND PACKING ON THE ABOVE ITEMS.

ALL ORDERS SENT BY RETURN: CHEQUES/VISA/ACCESS/PO'S

TRADING POST (Dept AF)

VISA

VICTORIA ROAD, SHIFNAL, SHROPSHIRE **TF11 8AF**



TELEPHONE/FAX (01952) 462135

FIXED PRICE ONLY £42.99 Incl. (A500/+, A600 ONLY)

- * Price includes PART, LABOUR, DELIVERY & VAT
- * 90 Day warranty on all repairs
- * 24 Hour turn-around on most repairs
- * All upgrades purchased from us fitted free with repair
- * Includes FULL DIAGNOSTICS, SERVICE AND SOAK test
- * If drive or keyboard need replacing add £10

AMIGA A1200 Repairs only £52.49 Fully inclusive

SPECIAL OFFERS

A500 Internal Drive A500/600/1200 PSU Fatter Agnus 8372A Super-Denise

A600/1200 Internal Drive £28.50 A500 Keyboard (UK) £24.30 A500 CIA A520 Xchange Modulator

£38.40 £42.10 £15.00 £18.00

Est. 13 Years

CHIPS 8371 Agnus (A500) £12.60 €24,30 8372A 1 Meg Agnus £24.30 8375 2Meg Agnus £32.70 £14.40

8374 Alice (A1200) 8362 Denise (A500) 8373 Super Denise 8364 Gary £7.60 8520 CIA (A500/+) £15.00 8520 CIA A600/1200) £15.00 8364 Paula (A500/+) £12.34

CHIPS Kickstart 1.2 £4.20 Kickstart 1.3 £12.80 Kickstart 2.04 £22,40 Kickstart 2.05 £29.90 £25,00 Kickstart 3 (high) Kickstart 3 (low) £25,00 Rom Sharer £15.00 **NEW Modulators** All spares are factory NEW and genuine Commodore parts. All come with 12 months warranty (Except chips)

HARD DRIVES Quality 2.5 inch Int HD

Suited for A600 & A1200 60 Mbyte £135.95 £195.00 120 Mbyte £269.00 210 Mbyte

All drives complete with cable, fitting instructions installation software and 12 months warranty

Add £1.00 P&P on chips, £2.50 P&P on drives & PSUs We reserve the right to refuse repairs

**** ATTENTION ALL DEALERS ****

Our Company offer the most competitive dealer repair service on all home computers. Credit facility available, SEND FOR FREE INFORMATION PACK TODAY

Service HOTLINE (0533) 470059

DART Computer Services (AF) 105 London Road LEICESTER LE2 0PF







The Guild of Master Craftomen A division of D.A. Computers Ltd



On sale Thursday January 19

Next month we'll be telling you how you can get in the fast lane of the Information Superhighway with your Amiga, a modem, a telephone and a few bits and pieces of cable and some software.

Don't get left behind, we'll point you in the right direction and put you in the driving seat with the definitive *Amiga Format* guide to Comms, the Internet, the Worldwide Web, Bulletin Boards, CIX and more... much, much more.

Coming Soon: Possibly the most useful Coverdisk we've ever given away. Hint: you'll need 2Mb of RAM, so get ready. RAM expansions are available through our upgrade offers (page 20) for just £29.99.

More fantastic Coverdisks, the latest game previews and reviews, the inside story on the Commodore buy-out, PPaint 6.1, Photogenics, GameBusters, CanDo 3, Final Data 2, X-Link Modem, Lightwave add-ons, AMOS tutorial, Workbench, DTP tutorial, Helping Hand, Workbench, Coverdisk upgrades, Public Domain games, utilities and demos, OctaMED tutorial, news, Letters, Gallery, Readers' Offers... Let's face it: the first Amiga Format of '95 is gonna be awesome...

RESERVE YOUR COPY OF

AMAGA

Cut out this form or photocopy it and then hand it in to your newsagent.

Please reserve/deliver Amiga Format magazine each month.

Name																
Addres	55															



To the newsagent:

Amiga Format is
published by Future
Publishing.
Tel: 01225 442244.



CHINESE BOARB MiamiNite OREGON WET

YOUR FREE Over 4000 Fonts now in Stock!

from over 4000 Fonts in Format. Or select from

ECTAFON

ADOBE or COMPUGRAPHIC 164 Disks (12 Fonts per Disk)

little as 7pence!

Wordworth v3, Final Writer, Pro-Page, Pro-Draw, Pagesetter v2/v3 Pagestream, Expert Draw, Pro-Vector, Art Expression.

New additions Many other ARTIST DRAWN QUALITY CLIPS AVAILABLE FOR ALL THE ABOVE PROGRAMS. Structured Clips ONLY AVAILABLE FROM SELECTAFONT. every Month

CURRENTLY AVAILABLE: BIRDS: 3 DISKS (47 CLIPS) 14.99 ANIMALS: 2 DISKS (40 CLIPS) 9.99

CLIPBUSTER

23 CLIPART DISKS £24.99 (ALL Disks have Image Catalogues) Customers

-JET/BUBBLEJE

Having used Ink-Jets for 3 Years, we feel we are in a unique position to offer a first class service to all of our customers. We only supply PREMIER ink refills for all printers which we GUARANTEE will give a BETTER quality than from your original Cartridge. We also supply a comprehensive range of Ink-Jet/Bubblejet Consumables including: COLOUR KITS/ORIGINAL CARTRIDGES/CLEANING KITS

Single Refills £6.99 £12.99 Twin Refills 6 Pack Refills £24.99

For a FREE Comprehensive Printout

Fonts and Details of our other Services

PHONE 0702 202835 24 HR SERVICE

or WRITE TO US!

Please include Details of your System set-up

and the Software you wil be using.

IFF CLIPART

We only supply Hi-res Clips

that we have created

ourselves. All disks come

with image catalogues

or FAX 0702 200062

DISKS (500 Fonts) £34.99

Choose from 4

Different Volumes

available in Black/Cyan Magenta/Yellow/ Green/Red/Blue

AVAILABLE

No

Silly

Info

Pack

Prices

Here!

NEW! NEW! NEW! NEW! Waterproof Black Ink Single Refill: £7.99 Twin Refill: £14.99

We have the UKs Largest Collection of SCALEABLE CLIPART (No Jaggies No Hassle!)

> ACCESS/VISA/BARCLAYCARD MASTERCARD CREDIT CARDHOTLINE: 0702 202835

ORDER COMPANY ON EARTH!

(6 hr response)

Fonts from as

SELECTAFONT (DEPT AF), 84 THORPE ROAD, HAWKWELL Nr HOCKLEY, ESSEX SS5 4JT

OBBL Perce POWERLINER SALTER

AMIGA FORMAT 67

ORIENTAL

EDITORIAL

EDITOR DEPUTY EDITOR CONSULTANT EDITOR PRODUCTION EDITOR **GAMES EDITOR** STAFF WRITER STAFF WRITER

Steve Jarratt Sue Grant Nick Veitch **Richard Jones** Stephen Bradley Steve McGill Jason Holborn

DESIGN Sue White ART EDITOR Frank Bartucca DESIGNER

PUBLISHING

PUBLISHER Steve Carey PUBLISHING ASST **Annabel Parmenter** DIRECT SALES MANAGER Dale Bradford PROMOTIONS MANAGER Simon Howarth Jon Bickley CIRCULATION MANAGER **Kate Elston** CIRCULATION ASSISTANT JOINT MD **Greg Ingham**

CONTRIBUTORS

Jess Bennett, Ed Wiles, Jeff Walker, Richard Baguley, Tim Smith, Mike Roberts, David Crookes, Dave Roberts, Graeme Sandiford.

ADVERTISING

GROUP AD MGER Mary de Sausmarez ADVERTISING MANAGER Jackie Garford **DEPUTY AD MANAGER Louise Woods** Diane Clarke SALES EXECUTIVE **David Matthews** SALES EXECUTIVE

PHOTOGRAPHY

Ashton James

PRODUCTION

Judith Green GROUP PROD MNGER PROD CO-ORDINATOR Charlotte Brock **Claire Thomas** PROD CONTROLLER Mark Constance PRINT SERVICES Claire Russell, Lisa Withey AD DESIGN ADMIN ASSNT Suzannah Angelo-Sparling

COLOUR SCANNING & IMAGESETTING Jon Moore, Simon Windsor, Chris Stocker, Jason Titley, Mark Gover

COLOUR ORIGINATORS Phoenix Repro PRINTED IN THE UK BY St Ives PLC

NEWSTRADE DISTRIBUTION, UK Future Publishing 01225 442244

NEWSTRADE DIST ABROAD 01225 442244 **Future Publishing**

JANUARY 199!

YOUR GUARANTEE OF VALUE This magazine comes from Future Publishing, a company founded just nine years ago but now selling more computer magazines than any other in Britain.

Better advice. Our titles are packed with tips, suggestions and explanatory features, written by the very best in the business.

Stronger reviews. We have a cast-iron policy of editorial independence and our reviews give clear buying recommendations.

Clearer design. You need solid information fast. So our designers highlight key elements by using charts, diagrams, summary boxes, and so on...

Greater relevance. At Future, Editors operate under two golden rules:

 Understand your readers' needs. Then satisfy them.

More reader interaction. We draw on readers' contributions, resulting in the liveliest letters pages and the best reader tips. Buying one of our magazines is like joining a nationwide user group.

Better value for money. More pages, better quality magazines you can trust.

AMIGA FORMAT

30 Monmouth St, Bath, Avon BA1 2BW Telephone 01225 442244 Facsimile 01225 318740 E-MAIL ADDRESS

amformat@futurenet.co.uk (INCLUDE DEPARTMENT IN SUBJECT TEXT)

SUBSCRIPTIONS, BACK ISSUES and MAIL ORDER

Future Publishing, Somerton, Somerset, FREEPOST, TA11 6BR Telephone 01225 822511, 9am-6pm Facsimile 01225 822510 UK one-year subscription: £47.40 CUSTOMER SERVICES

01225 822511

ABC

Member of the Audit Bureau of Circulations. **Registered Circulation**

132,137

Telephone

January-June 1994



Printed in the UK All contents © Future **Publishing Limited 1995**

ADVERTISERS' INDEX

	" "	
1st Computer Centre	90	0113 2319444
17 Bit Software	130	0114 2780370
Absolute Image	198	01492 544395
Acclaim	17,108	0171 344 5000
Amiga Format Specia	154-55	01225 442244
Amiga Power		
Amiga Shopper		
Analogic		
Anglia PD		
Bak PD		
Beau Jolly		
CTV		
Dart Computers		
Datagem		
Datel		
Deal Direct		
Digita Int		
Direct Comp Supplies		
Direct Software		
Disktech		
Emerald		
Epic Marketing		
Esp Software		
Eternity		
Eurocom		
Europress		186
Evesham Micros		
Exclusive PD		
Future Leisure Books .		
Gasteiner		
Golden Image3		
Gremlin		
Ground Zero		
Harwoods30		
Hi-Soft		
Hornesoft PD		
magineer		
Impressions		
Indi		
Intermediates	8-9	012/9 600204

Jorvic PD. 197	IND HEDE	-/\	
KT's PD	Jorvic PD	197	.01904 624637
LCL 157 01491 579343 Market Place 196-198 01225 442244 Maverick Mail Order 177 01989 767655 Microprose 69 01454 326532 Mr Beeston 198 0792 579411 NUH PD 198 01702 546191 Omnidale Supplies 198 01332 291219 On Line PD 198 01704 834335 OTM 157 01827 312302 Owl Associates 199 01543 250377 PD Soft 152-153 01702 466933 Post Haste 184 01227 764204 Power Computing 111 01234 843388 Premier Mail Order 109 01268 271172 Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,14			
Maverick Mail Order 177 01989 767655 Microprose .69 01454 326532 Mr Beeston 198 .0792 579411 NJH PD 198 .01702 546191 Omnidale Supplies 198 .01332 291219 On Line PD .198 .01704 834335 OTM .157 .01827 312302 Owl Associates .199 .01543 250377 PD Soft .152-153 .01702 466933 Post Haste .184 .01227 764204 Power Computing .111 .01234 843388 Premier Mail Order .109 .01268 271172 Psygnosis .2-3 .0151 709 5755 Pure Technology .197 .01745 332535 Ramiga .98 .01690 770306 Renegade .79 .0171 481 9214 Selectafont .202 .01702 20288350 Shops Directory .195 .01225 442244 Silica Systems .101,147,161 0181 3091111 Siren Software .51 .0161 724 7576 Snap			
Microprose 69 01454 326532 Mr Beeston 198 .0792 579411 NJH PD 198 .01702 546191 Omnidale Supplies 198 .01332 291219 On Line PD 198 .01704 834335 OTM .157 .01827 312302 Owl Associates .199 .01543 250377 PD Soft .152-153 .01702 466933 Post Haste .184 .01227 764204 Power Computing .111 .01234 843388 Premier Mail Order .109 .01268 271172 Psygnosis .2-3 .0151 709 5755 Pure Technology .197 .01745 332535 Ramiga .98 .01690 770306 Renegade .79 .0171 481 9214 Selectafont .202 .01702 2028350 Shops Directory .195 .01225 442244 Silica Systems .101,147,161 0181 309111 Siren Software .51 .0161 724 7576 Snap Computer Supplies 176 .01703 457111 Softwood Software <td>Market Place</td> <td>196-198</td> <td>.01225 442244</td>	Market Place	196-198	.01225 442244
Mr Beeston 198 .0792 579411 NJH PD 198 .01702 546191 Omnidale Supplies 198 .01332 291219 On Line PD 198 .01704 834335 OTM 157 .01827 312302 Owl Associates 199 .01543 250377 PD Soft .152-153 .01702 466933 Post Haste .184 .01227 764204 Power Computing .111 .01234 843388 Premier Mail Order .109 .01268 271172 Psygnosis .2-3 .0151 709 5755 Pure Technology .197 .01745 332535 Ramiga .98 .01690 770306 Renegade .79 .0171 481 9214 Selectafont .202 .01702 2028350 Shops Directory .195 .01225 442244 Silica Systems .101,147,161 0181 3091111 Siren Software .51 .0161 724 7576 Snap Computer Supplies 176 .01703 457111 Soft Express .177,190 .01908 277177 Softwood Soft	Maverick Mail Order	177	.01989 767655
Mr Beeston 198 .0792 579411 NJH PD 198 .01702 546191 Omnidale Supplies 198 .01332 291219 On Line PD 198 .01704 834335 OTM 157 .01827 312302 Owl Associates 199 .01543 250377 PD Soft .152-153 .01702 466933 Post Haste .184 .01227 764204 Power Computing .111 .01234 843388 Premier Mail Order .109 .01268 271172 Psygnosis .2-3 .0151 709 5755 Pure Technology .197 .01745 332535 Ramiga .98 .01690 770306 Renegade .79 .0171 481 9214 Selectafont .202 .01702 2028350 Shops Directory .195 .01225 442244 Silica Systems .101,147,161 0181 3091111 Siren Software .51 .0161 724 7576 Snap Computer Supplies 176 .01703 457111 Soft Express .177,190 .01908 277177 Softwood Soft	Microprose	69	.01454 326532
Omnidale Supplies 198 01332 291219 On Line PD 198 01704 834335 OTM 157 01827 312302 Owl Associates 199 01543 250377 PD Soft 152-153 01702 466933 Post Haste 184 01227 764204 Power Computing 111 01234 843388 Premier Mail Order 109 01268 271172 Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 45711 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions <t< td=""><td></td><td></td><td></td></t<>			
On Line PD 198 01704 834335 OTM 157 01827 312302 Owl Associates 199 01543 250377 PD Soft 152-153 01702 466933 Post Haste 184 01227 764204 Power Computing 111 01234 843388 Premier Mail Order 109 01268 271172 Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292<	NJH PD	198	.01702 546191
OTM 157 01827 312302 Owl Associates 199 01543 250377 PD Soft 152-153 01702 466933 Post Haste 184 01227 764204 Power Computing 111 01234 843388 Premier Mail Order 109 01268 271172 Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 0144	Omnidale Supplies	198	.01332 291219
Owl Associates 199 .01543 250377 PD Soft .152-153 .01702 466933 Post Haste .184 .01227 764204 Power Computing .111 .01234 843388 Premier Mail Order .109 .01268 271172 Psygnosis .2-3 .0151 709 5755 Pure Technology .197 .01745 332535 Ramiga .98 .01690 770306 Renegade .79 .0171 481 9214 Selectafont .202 .01702 2028350 Shops Directory .195 .01225 442244 Silica Systems .101,147,161 0181 3091111 Siren Software .51 .0161 724 7576 Snap Computer Supplies 176 .01703 457111 Soft Express .177,190 .01908 277177 Softwood Software .42-43 .01773 836781 Star Micronics .32 .01494 471111 Subscriptions .44-45 Telescan .197 .01253 829292 Total Comp Supplies .193 .01442 233393 Trading Post .200 .01725 462135 TRC Media	On Line PD	198	.01704 834335
PD Soft	OTM	157	.01827 312302
Post Haste 184 01227 764204 Power Computing 111 01234 843388 Premier Mail Order 109 01268 271172 Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 11 Telescan 197 01253 829292 Total Comp Supplies 193 0142 233393	Owl Associates	199	.01543 250377
Power Computing	PD Soft	152-153	.01702 466933
Premier Mail Order 109 01268 271172 Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807<	Post Haste	184	01227 764204
Psygnosis 2-3 0151 709 5755 Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682 <td>Power Computing</td> <td>111</td> <td>.01234 843388</td>	Power Computing	111	.01234 843388
Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Premier Mail Order	109	.01268 271172
Pure Technology 197 01745 332535 Ramiga 98 01690 770306 Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Psygnosis	2-3	0151 709 5755
Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01952 462135 V. Funnell 200 01274 691115 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Pure Technology	197	.01745 332535
Renegade 79 0171 481 9214 Selectafont 202 01702 2028350 Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01952 462135 V. Funnell 200 01274 691115 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Ramiga	98	.01690 770306
Shops Directory 195 01225 442244 Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682			
Silica Systems 101,147,161 0181 3091111 Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Selectafont	202(01702 2028350
Siren Software 51 0161 724 7576 Snap Computer Supplies 176 01703 457111 Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Shops Directory	195	.01225 442244
Snap Computer Supplies 176	Silica Systems10	1,147,161	0181 3091111
Soft Express 177,190 01908 277177 Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Siren Software	.51(0161 724 7576
Softwood Software 42-43 01773 836781 Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 Trilogic 96 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Snap Computer Supplies	176	.01703 457111
Star Micronics 32 01494 471111 Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Soft Express	177,190	.01908 277177
Subscriptions 44-45 Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 Trilogic 96 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Softwood Software	.42-43	.01773 836781
Telescan 197 01253 829292 Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 Trilogic 96 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Star Micronics	.32	.01494 471111
Total Comp Supplies 193 01442 233393 Trading Post 200 01952 462135 TRC Media 200 Trilogic 96 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Subscriptions	.44-45	
Trading Post 200 01952 462135 TRC Media 200 Trilogic 96 01274 691115 Underground PD 151 01702 295887 V. Funnell 200 01253 790147 Virgin 63,75-76 0181 960 2255 Walkabout Music 200 01726 813807 Weird Science 171 01116 234 0682	Telescan	.197	.01253 829292
TRC Media	Total Comp Supplies	.193	.01442 233393
Trilogic	Trading Post	.200	.01952 462135
Trilogic	TRC Media	.200	
V. Funnell			
Virgin63,75-760181 960 2255 Walkabout Music20001726 813807 Weird Science	Underground PD	.151	.01702 295887
Walkabout Music	V. Funnell	.200	.01253 790147
Weird Science17101116 234 0682	Virgin63,75-	76	0181 960 2255
	Walkabout Music	.200	.01726 813807
Wizard4001322 272908	Weird Science	.1710	1116 234 0682
	Wizard	.40	.01322 272908

Amiga Frame Grabbing has just taken a Fall... in Price but definitely not in quality!



ProGrab™ supports any Amiga with Kickstart 2.04 or later and 1.5Mb minimum free RAM

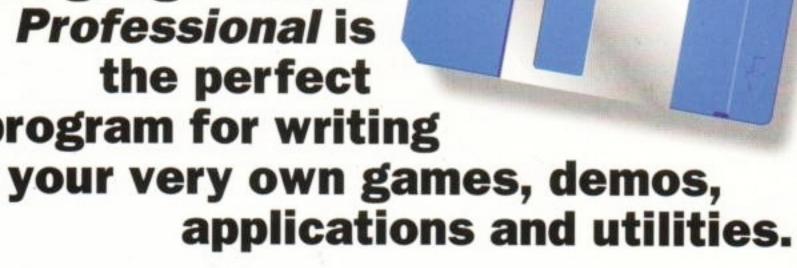


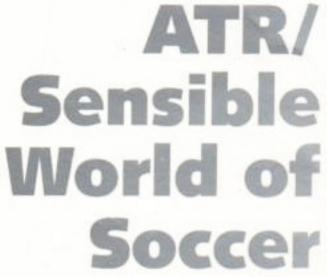
or... Ask us for a list of stockists in your area. For further product details please request an information pack & image samples disk.

Dept. AMS New Street, Alfreton, Derbyshire. DE55 7BP

AMOS Pro

Unleash your creative powers with this amazing programming language. AMOS Professional is the perfect program for writing





Exclusive
Christmas levels
from Team 17's
totally fantastic

All Terrain Racing plus the ultimate demo of this Sensible sensation.



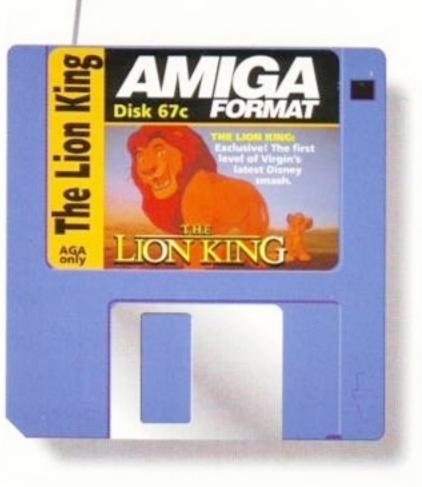


Stocking Fillers

AF rounds up some cheap 'n' cheerful Amiga peripherals to soak up your excess cash this Christmas!

The Lion King

Beautiful animation, lots of colour, an engaging plot and a happy ending. And that's just the film. Check out our Coverdisk to see why the *Lion King* is vying with *Aladdin* for the title of best animated platform game ever.



SHOPPER

supplement

Get a free taster of our more technical sister magazine!

